

1 October 2007

Ohana Military Communities, LLC  
5173 Nimitz Road  
Honolulu, HI 96819

Re: Phase I Environmental Site Assessment Update  
Hale Moku Naval Family Housing Property

To Ohana Military Communities, LLC:

We have conducted a Phase I Environmental Site Assessment Update ("Update") in accordance with the American Society of Testing and Materials' ("ASTM") Standard Practice E 1527-05 for the Hale Moku Naval Family Housing Area (the "Site"). As part of this Update, we have, among other things, conducted visual inspections of the Site and adjoining properties, interviewed a knowledgeable representative of Ohana Military Communities, LLC and appropriate regulatory agency officials, obtained an updated electronic environmental reports database search report, and reviewed an updated environmental lien search commissioned by Ohana Military Communities, LLC. In addition, Ohana Military Communities, LLC, as User, has provided us with the information required by Section 6 of the ASTM Standard Practice E 1527-05 where applicable. Interviews of housing occupants were not conducted in accordance with Section 10.5.2.1. The following summarizes these activities:

- ◆ Visual inspections of the Site were conducted on 14 July 2007. Changes to the Site or the housing units were not observed. In addition, there were no changes to adjoining properties as observed during the visual inspections.
- ◆ The environmental database search conducted on 20 July 2007 reported additional mapped sites within the ASTM Standard Practice E 1527-05 minimum search distances for the following databases: Facility Index System ("FINDS"), State/Tribal Sites, Resource Conservation and Recovery Act Treatment, Storage and Disposal Facilities ("RCRA TSD"), and Federal Wells ("FEDWELLS"). These sites were not included in the environmental database report prepared for the September 2006 Phase 1 ESA. Information on these additional sites are listed as follows:
  - FINDS – 3 facilities. The FINDS database is a catch-all for various environmental programs. These locations are listed as follows:
    - Pearl Harbor Kai Elementary School - This facility is listed as being under the hazardous waste compliance program. There are no ongoing investigations or compliance actions for this facility. This facility does not constitute a Recognized Environmental Condition ("REC") to the Site.
    - Mokulele Elementary School - This facility is listed as being under the hazardous waste compliance program. There are no ongoing investigations or compliance actions for this facility. This facility does not constitute a REC to the Site.
    - 3323 Orlando Place - This facility is listed under the EPA's Facility Registry System. There are no ongoing investigations or compliance actions for this facility. This facility does not constitute a REC to the Site.
  - State/Tribal Sites – 2 facilities listed as follows:
    - Pearl Harbor Kai Elementary School - This facility was subject to the State's Site Discovery, Assessment and Remediation (SDAR) program for an underground storage tank. No further action is required at this site. This facility does not constitute a REC to the Site.

- USN Fleet Training Group – Files for this facility are under review by the State; therefore, this facility constitutes a REC to the Site.
- RCRA TSD – Pearl Harbor Naval Shipyard and Intermediate Maintenance Facility. The facility stores hazardous waste. Although this facility was the subject of enforcement action in the past, there are no current compliance actions listed in the database. Therefore, this facility does not constitute a REC to the Site.
- FEDWELLS – Well 3-2156-03 W176Halaw. This well is a historic potable water production well that does not impact the Site. Thus, this well does not constitute a REC to the Site.
- ♦ (b) (6) of Ohana Military Communities, LLC was interviewed on 14 July 2007 regarding ongoing activities at the Site. According to (b) (6), there are no environmentally-related activities ongoing at the Site.
- ♦ A new chain of title for the Site, dated 1 August 2007 and commissioned by Ohana Military Communities, LLC, was reviewed. There were no environmental liens found in the chain of title for the Site.
- ♦ The Hawaii Department of Health Office of Hazard Evaluation and Emergency Response (“HEER”) was contacted on 6 August 2007 for information regarding ongoing investigations/compliance actions related to the Site. (b) (6) of the HEER directed Parsons to contact the Navy’s Installation Restoration Program Manager, (b) (6). (b) (6) was contacted on 9 August 2007. In a follow-up communication received on 29 August 2007 at the direction of (b) (6), (b) (6) indicated that there are no changes to ongoing investigations at the Site as reported in the 2006 Environmental Baseline Survey.

Based upon the information obtained from the above mentioned activities and our review of the previous Phase I ESA, dated September 2006, we have concluded that the condition of the Hale Moku Naval Family Housing Property has not changed since our previous Phase I ESA. With regard to previously identified RECs, ACM and pesticide soils will continue to be RECs. The leaking underground storage tank at Hickam Air Force Base and sites undergoing response actions or evaluations under the Navy’s Installation Restoration Program remain RECs as cleanup is not yet complete at these locations. Soil testing recommended in the September 2006 Phase 1 ESA has not been performed. The Site is slated for renovation only, and soil will not be disturbed. If plans for the Site change where soil may be disturbed, Ohana Military Communities, LLC should manage soil in accordance with the Pesticide Soils Management Plan. Additional sites identified by the environmental database search as listed above are RECs or not RECs for the reasons stated above. It is recommended that environmental investigations at the USN Fleet Training Group be monitored for potential contaminant migration to the Hale Moku Naval Family Housing Property. We have not identified any new RECs on the Hale Moku Naval Family Housing Property.

Soil testing recommended in the September 2006 Phase 1 ESA has not been performed. The Site is slated for renovation only and soil will not be disturbed. If plans for the Site change where soil may be disturbed, Ohana Military Communities, LLC should manage soil in accordance with the Pesticide Soil Management Plan.

All other aspects of our prior Phase I ESA for the Site, dated September 2006, were reviewed by Parsons, remain valid and in effect, and are hereby restated. A copy of that report is attached hereto and is hereby incorporated by reference.

In conclusion, we have performed a Phase I Environmental Site Assessment Update in conformance with the scope and limitations of ASTM Practice E 1527 of the Hale Moku Naval Family Housing Property. This assessment has revealed no evidence of additional RECs in connection with the property, except that identified from the results of the environmental database search.

This report was prepared for Ohana Military Communities, LLC, its Managing Member and other Members of Ohana Military Communities, LLC. It may be relied upon by Ohana Military Communities, LLC, its Managing Member and other Members of Ohana Military Communities, LLC, the United States of America, Department of the Navy, (b) (4)

, and each of their respective officers, directors, employees, affiliates, successors, assigns, legal counsel and advisors. The information and conclusions presented in this report are valid only for the circumstances of the Site as described as of the dates in this report.

Sincerely,

(b) (6)

**PARSONS**

Attachments:

Environmental Professional Statement and Signature  
Final Phase 1 Environmental Site Assessment – Hale Moku Naval Family Housing, September 2006  
Database Search

## ENVIRONMENTAL PROFESSIONAL STATEMENT AND SIGNATURE

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of Title 40, Code of Federal Regulations (CFR), Part 312 dated 1 November 2005.

I have the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the Hale Moku Naval Family Housing Property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312.

(b) (6)

1 October 2007

(b) (6)

, P.E.



# ***FINAL PHASE 1 ENVIRONMENTAL SITE ASSESSMENT***

## ***HALE MOKU NAVAL FAMILY HOUSING***

***Prepared for***



**Honolulu, Hawaii**

**September 2006**

***Prepared by***

**PARSONS**

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## **ACRONYMS AND ABBREVIATIONS**

ACM	Asbestos-containing material
AIRS	Aerometric Information Retrieval System
AST	Aboveground Storage Tank
ASTM	American Society of Testing and Materials
AUL	Activity and Use Limitation
BA	Bachelor of Arts
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
COMNAV	Commander Navy
COR	Corrective Action Report
EP	Environmental Professional
ERNS	Emergency Response Notification System
°F	Degrees Fahrenheit
FAA	Federal Aviation Administration
FCC	Federal Communication Commission
FINDS	Facility Index System
FOS	Finding of Suitability
FRS	Federal Registry System
FTTS	FIFRA/TSCA Tracking System
GEN	Generator
HDOH	Hawaii Department of Health
HMIRS	Hazardous Materials Incident Response System
HUD	United States Department of Housing and Urban Development
kg	Kilograms
km	Kilometer
LBP	Lead-based paint
lbs	Pounds
LQG	Large Quantity Generator
m	Meter
MS	Master of Science
µg/ft <sup>2</sup>	Micrograms per Square Foot
NAVFAC PAC	Naval Facilities Engineering Command Pacific Division
NCDB	National Compliance Data Base System



***PHASE I ENVIRONMENTAL SITE ASSESSMENT  
HALE MOKU NAVAL FAMILY HOUSING AREA  
PEARL HARBOR AREA OF O'AHU, HAWAII***

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NESHAPS	National Emission Standards for Hazardous Air Pollutants
NFRAP	No Further Remedial Action Planned
NLR	No Longer Report
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
NWI	National Wetlands Inventory
PCB	Polychlorinated biphenyl
pCi/L	picoCuries per liter
PE	Professional Engineer
ppm	Parts per million
RADINFO	Nuclear Regulatory Commission Database of Permitted Nuclear Facilities
REC	Recognized Environmental Condition
RCRA	Resource Conservation and Recovery Act
SQG	Small Quantity Generator
SSTS	Section Seven Tracking System
TCLP	Toxic Characteristic Leaching Procedure
TIGER	Topologically Integrated Geographic Encoding and Referencing System
TIS	Track Info Services, LLC
TRIS	Toxic Release Inventory System
TSCA	Toxic Substances Control Act
TSD	Treatment, Storage, and/or Disposal
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	Underground storage tank
WRCC	Western Regional Climate Center Web Page ( <a href="http://www.wrcc.dri.edu/">http://www.wrcc.dri.edu/</a> )

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## **1.0 SUMMARY**

Parsons conducted a Phase I Environmental Site Assessment in conformance with the American Society of Testing and Materials (ASTM) Standard Practice E 1527-05 for the following site:

- The Hale Moku Naval Family Housing Area, located in the Pearl Harbor Area of O'ahu, Hawaii

The site is 40.478 acres. Exhibit 1, Site Map, presents the general location of the site. A complete legal description and detailed view of the site is presented on Exhibit 2, Site Survey Map.

The site is located in the Pearl Harbor area of O'ahu, between the Nimitz Highway and the Kamehameha Highway, approximately seven miles from downtown Honolulu. The site consists of 318 housing units for enlisted personnel families. The units were constructed in 2000 following the demolition of existing military family housing units at the site. The site is not located within a secured base and is accessible to the public. The site is 40.478 acres in size, with an overall perimeter of 6,870 feet. The site consists of 159 2-story buildings, all of which are duplexes. The units were built in 2000 and 2001. The square footage of the units ranges from 950 to 1,984 square feet. The units have 2 or 3 bedrooms with 1 to 2.5 bathrooms. There are no historic homes (Ohana, 2006). Nine units were available for inspection.

Ohana Military Communities, LLC will be the lessee of the site and will be the owner of 318 improvements, all of which require no work.

The housing units are constructed of wood with exterior vinyl siding. Interior walls are of dry wall construction. The roofing material used is asphalt shingles.

Available information for the site and surroundings was collected and evaluated to identify Recognized Environmental Conditions. According to the American Society for Testing and Materials (ASTM) Standard Practice E 1527-05, the term Recognized Environmental Conditions (RECs) means "the presence or likely presence of hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property."

Based on the definition of a REC in the ASTM Standard Practice E 1527-05, the following RECs have been identified for the site:

- Due to the historic use of chlordane as a termiticide in O'ahu, chlordane may exist in the soil near the foundation and under the building slabs. Surface and near-surface soil sampling for chlordane and other pesticides, including DDT, dieldrin, and heptachlor, is recommended.
- According to the EBS, ACM may be present in transite pipe located in the Hale Moku neighborhood. It is recommended that the presence of ACM be disclosed to prospective tenants. It is also recommended that during demolition activities, the ACM Management Plan be followed.
- There is one LUST site located at Hickam Air Force Base that is still active. This site has the potential for contamination to migrate to groundwater in the housing area.
- The Environmental Baseline Survey reports that off-site structures, including AST, USTs, and buildings are undergoing response actions or further evaluation is recommended. Under the IR program, multiple sites are undergoing response actions. Table 15-4 of the EBS, presented in Appendix D, provides a listing of these structures and their EBS Category Designation. These structures currently or previously employed hazardous substances and discharges from the off-site structures have the potential to impact groundwater. These localize groundwater impacts have the potential to migrate onto the site. Thus, potential groundwater impacts from these off-site structures qualify as a REC.

A Phase I Environmental Site Assessment does not include any sampling and analysis of potentially contaminated materials. The scope of work of this Phase I Environmental Site Assessment did not specifically include sampling and analysis, therefore no independent soil or groundwater or other sampling and analyses were conducted.

## **2.0 INTRODUCTION**

### **2.1 PURPOSE**

Parsons conducted a Phase I Environmental Site Assessment in conformance with the ASTM Standard Practice E 1527-05 for the purpose of identifying RECs at the following site:

- The Hale Moku Naval Family Housing Area, located in the Pearl Harbor Area of O'ahu, Hawaii

The site is 40.478 acres. A complete legal description and detailed view of the site is presented on Exhibit 2, Site Survey Map.

Exhibit 3 provides the approximate location of the site on a United States Geological Survey (USGS) topographic map.

The term REC, as defined in ASTM Standard Practice E 1527-05, means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with applicable laws. The term is not intended to include *de minimis* conditions that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

### **2.2 PHASE I TASKS**

Parsons performed the following tasks:

#### **2.2.1 Records review**

Available current and historical documents pertinent to environmental activities conducted in or near the site were reviewed. Topics of interest include chemical usage or inventories, waste management records, Resource Conservation and Recovery Act (RCRA) or Comprehensive Environmental Response Compensation and Liability Act (CERCLA) activities.

#### **2.2.2 Site reconnaissance and Interviews**

Site reconnaissance of the site to visually and physically observe and document conditions on the property was performed. Nine units were available for interior

inspection. Interviews were conducted in keeping with the requirements of ASTM Standard Practice E 1527-05, § 7.1 – 7.2.

### **2.2.3 File search and records review**

A search of federal, state, and local regulatory agency electronic databases was performed. This database search identifies locations that are regulated under various environmental laws, notably CERCLA, RCRA, and Toxic Substances Control Act (TSCA). It also identifies locations where a release of hazardous substances has occurred or is suspected.

### **2.2.4 Historical records review**

Available historical aerial photographs were reviewed to confirm that a historic use information review was conducted to identify all obvious uses from the present back to the first developed use or 1940, whichever is earlier.

### **2.2.5 Evaluate data and prepare report**

Significant findings from the above-stated tasks were summarized, RECs were identified, and recommendations were made for additional site assessment activities, if needed.

## **2.3 SPECIAL TERMS AND CONDITIONS**

- The information and conclusions presented in this report are valid only for the circumstances of the site investigated as described as of the dates in this report.
- Parsons evaluated the reasonableness and completeness of available relevant information, but does not assume responsibility for the truth or accuracy of any information provided to Parsons by others or for the lack of information that is intentionally, unintentionally, or negligently withheld from Parsons by others.
- After acceptance of this report, if Parsons obtains information that it believes warrants further exploration and development, Parsons will endeavor to provide that information, but Parsons will not be liable for not doing so.

## **2.4 LIMITATIONS AND EXCEPTIONS OF ASSESSMENT**

To achieve the study objectives stated in this report, Parsons based its conclusions on the best information available during the period of the investigation and within the limits prescribed by the ASTM Standard.

No investigative method can completely eliminate the possibility of obtaining partially imprecise or incomplete information. Professional judgment was exercised in gathering and evaluating the information obtained, and Parsons commits itself to the usual care, thoroughness, and competence of the engineering profession.

## **2.5 LIMITING CONDITIONS AND METHODOLOGY USED**

The Phase I Environmental Site Assessment investigations were completed in accordance with the ASTM Standard Practice E 1527-05.

## **2.6 USER RELIANCE**

This report was prepared for Ohana Military Communities, LLC, its Managing Member and other Members of Ohana Military Communities, LLC. It may be relied upon by Ohana Military Communities, LLC, its Managing Member and other Members of Ohana Military Communities, LLC, the United States of America, Department of the Navy, (b) (4)

, and each of their respective officers, directors, employees, affiliates, successors, assigns, legal counsel and advisors.

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### **3.0 SITE DESCRIPTION**

#### **3.1 LOCATION AND LEGAL DESCRIPTION OF PROPERTY**

The Hale Moku Naval Family Housing Area is located at Latitude (North) 21.349865, Longitude (West) 157.941557. The site is located in the Pearl Harbor area of O'ahu, between Nimitz Highway and the Kamehameha Highway, approximately seven miles from downtown Honolulu. Exhibit 2 provides a legal description of the property and a site survey map.

Ohana Military Communities, LLC will be the lessee of the site and will be the owner of 318 improvements, all of which require no work.

#### **3.2 SITE AND VICINITY CHARACTERISTICS**

Table 3-1 provides a description of the properties directly adjacent to the site.

**Table 3-1  
Adjacent Properties**

<b>Direction</b>	<b>Description of Adjacent Properties</b>
North	The site is bounded to the north by Center Drive. Department of Defense properties are located further north of Center Drive.
East	Residential properties are located immediately east of the site. The H-1 Freeway and Kamehameha Highway interchange is located further east of the site.
South	Nimitz Highway bounds the site on the south. Hickam Air Force Base is located further south of Nimitz Highway.
West	Nimitz Highway bounds the site on the west. Hickam Air Force Base is also located further west of Nimitz Highway.

#### **3.3 DESCRIPTIONS OF STRUCTURES, ROADS, OTHER IMPROVEMENTS ON THE SITE**

The site consists of 159 2-story buildings, all of which are duplexes. The units were built in 2000 and 2001. The square footage of the units ranges from 950 to 1,984 square feet. The units have 2 or 3 bedrooms with 1 to 2.5 bathrooms. There are no historic homes (Ohana, 2006).

The 40.478-acre site is occupied by enlisted personnel families. Nine units were available for inspection. The site is not located within a secured base and is accessible to the public. Vehicle access to the housing units is via asphalt-paved streets. Typical landscaping bordering the housing units includes grass and trees.

The housing units are constructed of wood with vinyl sidings and roofs consisting of asphalt shingles. Units feature cathedral ceilings over the living room and dining room, utility rooms with washers and dryers, and new water heaters located in exterior closets. Attached one-car garages with roll-up doors are provided.

### **3.4 INFORMATION REPORTED BY USER REGARDING ENVIRONMENTAL LIENS OR SPECIALIZED KNOWLEDGE OR EXPERIENCE**

#### **3.4.1 Title Records**

The site is currently owned by the Federal government and managed by the Department of Defense. Declaration of taking by the United States government for military use was made on October 30, 1939 and November 19, 1940.

#### **3.4.2 Environmental Liens**

A chain of title was obtained for the site. No information regarding environmental liens was found against the site.

#### **3.4.3 Specialized Knowledge or Experience**

Other than the information provided by the Department of the Navy contained herein, no specialized knowledge or experience was reported or discovered for the site.

#### **3.4.4 Commonly Known or Reasonably Ascertainable Information**

Other than the information provided by the Department of the Navy contained herein, no information was reported concerning commonly known or reasonably ascertainable information.

#### **3.4.5 Valuation Reduction for Environmental Issues**

No information was reported by Ohana Military Communities, LLC concerning valuation reduction for environmental issues.

#### **3.4.6 Owner, Property Manager, and Occupant Information**

Other than the information provided by the Department of the Navy contained herein, no information was reported concerning the owner, property manager, and occupants.

#### **3.4.7 Reason for Performing Phase I**

Ohana Military Communities, LLC is entering into a real estate transaction with the United States Navy. This Phase I is performed to allow Ohana Military Communities, LLC, consistent with good commercial and customary practice, to satisfy the all appropriate inquiry into the previous ownership and use of the property

#### **3.4.8 Other**

No other information of environmental interest was provided by Ohana Military Communities, LLC.

### **3.5 CURRENT USES OF THE PROPERTY**

The site consists of 318 housing units for enlisted personnel families and is largely occupied.

### **3.6 PAST USES OF THE PROPERTY**

Historical uses of the property were evaluated through review of databases searched by Track Info Services, LLC (TIS) and presented in an Environmental FirstSearch™ Report. The housing units were constructed in 2000, following the demolition of existing military family housing units at the site. As presented in the 1951, 1964, 1973, 1982, 1991, and 2003 aerial photos (Section 4.4.1), the site has been developed for residential use since 1951. According to the EBS, the site encompasses the histories of three principal entities: Submarine Base (SUBASE), FISC, and NAVSTA. The SUBASE was officially commissioned in 1920, and the first permanent building was constructed in 1923. In 1924, construction commenced on Sierra Piers 6 through 9. By 1925, about 25 permanent buildings had been constructed. The expansion of SUBASE Pearl Harbor reached its peak in 1944 when there were 6,633 personnel serving the base

### **3.7 CURRENT AND PAST USES OF THE ADJOINING PROPERTIES**

Table 3-1 in Section 3.2, *Site and Vicinity Characteristics*, provides a description of the current uses of the adjoining properties. Historical aerial photographs indicate that the adjoining properties to the north, south and west were primarily used for residential purposes. Adjoining properties to the east were primarily used for residential and industrial purposes.

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## **4.0 RECORDS REVIEW**

This section presents information concerning the site and the surroundings from various recorded sources. Electronic databases representing standard environmental record sources and physical setting sources were reviewed. Information pertinent to the site is summarized in this section.

### **4.1 STANDARD ENVIRONMENTAL RECORD SOURCES, FEDERAL AND STATE**

Parsons has retained the services of an environmental database company to search applicable regulatory agency lists and standard environmental record sources to identify locations of potential concern within the ASTM Standard Practice E 1527-05 (Standard) minimum search distances. The following summarizes the environmental database report, dated June 8, 2006. Appendix A presents the complete environmental data report. The report includes maps indicating the search distance of 0.125, 0.25, 0.5, and 1 mile (0.2, 0.4, 0.8, and 1.6 kilometers [km]) from the center from the site, which include the ASTM database required search distances of zero, 0.125, 0.25, 0.5, and 1 mile (zero, 0.2, 0.4, 0.8, and 1.6 km).

The following subsections summarize sites listed within the respective database search distances. A search of the respective environmental databases identified 12 sites within the ASTM-prescribed minimum search distances. The 28 remaining sites were not mapped by Environmental FirstSearch™ due to poor or inadequate location information. Exhibit 4 presents the location of the mapped sites relative to the site.

#### **4.1.1 Federal ASTM Records**

##### **National Priorities List**

The National Priorities List (NPL) listing, also known as the Superfund list, is a subset of the CERCLIS database. The NPL database identifies over 1,200 sites nationwide for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As a result, the environmental database company provides coverage for over 1,000 NPL site boundaries produced by the United States Environmental Protection Agency (USEPA) Environmental Photographic Interpretation Center.

Currently, there are no listed NPL sites located within the 1-mile (1.6-km) search distance from the site.

### **Comprehensive Environmental Response, Compensation, and Liability Information System**

The CERCLIS database contains data on potentially hazardous waste sites that have been reported to USEPA by states, municipalities, private companies, and private persons. Notification to USEPA is pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The CERCLIS database contains sites that are either proposed to be on or on the NPL, and sites that are in the screening and assessment phase for possible inclusion on the NPL.

Currently, there are no listed CERCLIS sites located within the 0.5-mile (0.8-km) search distance from the site.

### **CERCLIS – No Further Remedial Action Planned**

Beginning in February 1995, CERCLIS sites designated No Further Remedial Action Planned (NFRAP) have been removed from the CERCLIS database. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action of NPL consideration. USEPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived these as historical records so that USEPA does not needlessly repeat the investigations in the future.

Currently, there are no listed CERCLIS-NFRAP sites located within the 0.5-mile (0.8-km) search distance from the site.

### **Resource Conservation and Recovery Act / Corrective Action Report**

The Corrective Action Report (RCRA COR) database identifies hazardous waste handlers with RCRA action activity. The database shows which nationally defined corrective action core events have occurred for every handler that has currently or previously had corrective action activity.

Currently, there is one listed RCRA COR site within the 1-mile (1.6-km) search distance from the site. The site, the Pearl Harbor Shipyard and Maintenance Facility, has nine violations recorded, from 1986 until 1995. The last violation was resolved in October 2000. All of the violations were administrative in nature. No environmental concerns were reported. This site does not constitute a REC to the site.

### **Resource Conservation and Recovery Act information System/Treatment, Storage, and/or Disposal**

The Resource Conservation and Recovery Act Information System/ Treatment, Storage and/or Disposal (RCRA TSD) database list identifies those facilities or locations that have notified USEPA of their activities relative to their onsite treatment, storage, and/or disposal of hazardous wastes. A listed site does not necessarily indicate environmental problems at the site but rather that the site is (or was) engaged in hazardous waste activities; therefore, it may have the potential to cause environmental degradation if hazardous wastes have been mishandled or otherwise released in an uncontrolled manner.

Currently, there are no RCRA TSD sites within the 0.5-mile (0.8-km) search distance from the site.

### **Resource Conservation and Recovery Act / Quantity Generators**

The Resource Conservation and Recovery Act Information System Sites / Quantity Generators (RCRA GEN) is a database of facilities that generate or transport hazardous waste or meet other RCRA requirements. Two categories of RCRA GEN are usually considered. Large Quantity Generators (LQGs) list identifies those facilities or locations that have notified USEPA that they generate (or have generated) at least 2,200 lbs (998 kg) of non-acutely hazardous wastes and/or 2.2 lbs (1 kg) of acutely hazardous waste, monthly. Small Quantity Generators (SQGs) list identifies those facilities or locations that have notified USEPA that they generate (or have generated) less than 2,200 lbs (998 kg) of non-acutely hazardous wastes and/or 2.2 lbs (1 kg) of acutely hazardous waste, monthly. A listed site does not necessarily indicate environmental problems on the site, but rather that the site is (or was) engaged in hazardous waste activities; therefore, it may have the potential to cause environmental degradation if hazardous wastes have been mishandled or otherwise released in an uncontrolled manner.

Currently, there are no listed RCRA GEN sites within the 0.25-mile (0.4 km) search distance from the site.

### **Resource Conservation and Recovery Act / No Longer Report**

The Resource Conservation and Recovery Act Information Sites / No Longer Report (RCRA NLR) is a database of facilities not currently classified by the USEPA but is still included in the RCRIS database. The reasons for non classification are: (1) Failure to report in a timely matter; (2) No longer in business at the listed address, and/or (3) No longer generating hazardous waste materials in quantities which require reporting.

Currently, there are no listed RCRA NLR sites within the 0.12-mile (0.2 km) search distance from the site.

#### **Emergency Response Notification System**

The Emergency Response Notification System (ERNS) is a USEPA national computer database system that is used to store information on the sudden and/or accidental release of hazardous substances, including petroleum, into the environment. The ERNS reporting system contains preliminary information on specific releases, including the spill location, the substance released, and the responsible party. The ERNS report only includes releases from 1988 to the most recent quarterly update.

Currently, there are no ERNS sites within the 0.12-mile (0.2 km) search distance from the site.

#### **National Pollutant Discharge Elimination System**

The National Pollutant Discharge Elimination System (NPDES) is a database of permitted facilities receiving and discharging effluents to and from a natural source where treatment of the effluent is monitored.

Currently, there are no NPDES sites within the 0.25-mile (0.4 km) search distance from the site.

#### **Facility Index System**

The Facility Index System (FINDS) is a database maintained by USEPA/National Technical Information Service that contains both facility information and "pointers" to other sources or more detailed information. The FINDS is the index of identification numbers associated with a property or facility which the USEPA has investigated or has been made aware of in conjunction with various regulatory programs. Each record indicates the USEPA office that may have files on the site or facility. A Facility Registry System (FRS) site has an FRS in the status field.

Currently, there are no FINDS sites within the 0.25-mile (0.4-km) search distance from the site.



### **Toxic Release Inventory System**

The Toxic Release Inventory System (TRIS) is a USEPA database that identifies all facilities that have had or may be prone to toxic material releases.

Currently, there are no TRIS sites within the 0.25-mile (0.4-km) search distance from the site.

### **Wetlands**

The US Fish and Wildlife Service maintains a National Wetlands Inventory (NWI) database of information summarizing characteristics, extent, and status of the Nation's wetlands and deepwater habitats. This database is available for select areas of the United States.

Currently, there are two wetlands within the 0.5-mile (0.8-km) search distance from the site. Designation as a wetland is not an indication of an environmental discharge, violation or concern. These wetlands do not constitute a REC for the site.

### **Floodplains**

The Floodplains is a database maintained by the Federal Emergency Management Agency which summarizes 100 year and 500 year floodplain boundaries for select counties in the United States.

Currently, there are no Floodplain sites within the 0.5-mile (0.8-km) search distance from the site.

### **Receptors**

The sensitive receptors are listed by the 2002 Census Bureau's TIGER (Topologically Integrated Geographic Encoding and Referencing System), from the US Department of Commerce. This database summarizes all schools and hospitals that may house individuals deemed sensitive to environmental discharges due to their fragile immune systems.

Currently, there are no receptors listed within the 0.12-mile (0.2-km) search distance from the site.

## **Nuclear Permits**

The Nuclear Regulatory Commission of the USEPA maintains a database of permitted nuclear facilities (RADINFO). This database provides basic information about facilities that are permitted and regulated for their use and handling of radioactive materials.

Currently, there is no Nuclear Permit on record within the 0.5-mile (0.8-km) search distance from the site.

### **4.1.2 State of Hawaii ASTM Records**

#### **Underground Storage Tanks**

The Underground Storage Tanks (REG UST/AST) is a database identifying underground and aboveground storage tanks in the state of Hawaii. This database is maintained by the HDOH.

Currently, there are no REG UST/AST sites listed within the 0.25-mile (0.4-km) search distance from the site.

#### **Leaking Underground Storage Tank**

The Leaking Underground Storage Tanks (LUST) is a database identifying underground and above ground storage tanks that have been leaking, and is maintained by the HDOH.

Currently, there is one LUST site within the 0.5-mile (0.8-km) search distance from the site. The site, located at Hickam Air Force Base, is approximately ½ mile from the site. Its status is still active and is listed on the LUST database. There is potential for contamination to migrate the groundwater in the housing area. Therefore, this site constitutes a REC to the site.

### **4.1.3 Non-ASTM Supplemental Records**

#### **Historic/Landmark**

The National Park Service maintains a National Registry of Historic Places database. This database contains the Nation's official list of cultural resources worthy of preservation. Properties listed include districts, sites, buildings, structures, and objects that are significant in American history, architectures, archeology, engineering, and culture.

Currently, there are no Historic/Landmark sites within the 0.5-mile (0.8-km) search distance from the site.

### **Federal Land Use**

The Federal Lands of the United States is a database of lands owned or administered by the Federal Government, including the Bureau of Land Management, the Bureau of Reclamation, the US Department of Agriculture Forest Service, the Department of Defense, the US Fish and Wildlife Service, the Tennessee Valley Authority, and other agencies. Only areas of 640 acres or more are included in this listing. The database provides descriptive information that includes name and type of the Federal land and the administering agency. Indian Lands of the United States is a database of areas administered by the Bureau of Indian Affairs and exceeding 640 acres in size. This database includes Federally-administered lands within a reservation which may or may not be considered part of the reservation. Endangered Species Protection Program is a database that provides a list of the Endangered Species by county and the species status.

The site is considered a Federal Land Use site. Nearby Hickam Air Force Base is also a Federal Land Use site. Neither is considered a REC to the site. Designation as a Federal Land Use site merely indicates that the Federal Government owns and/or operates the land.

### **Federal Wells**

The USGS maintains a database of more than 850,000 records of wells, springs, test holes, tunnels, drains, and excavations in the United States. This database is an inventory of the United States Groundwater Sites.

Currently, there are five Federal Wells site within the 0.5-mile (0.8-mile) search distance from the site. These are historic potable water production wells that do not impact the site. Thus, these do not constitute RECs to the site.

### **Releases (Air/Water)**

The USEPA has a list of Air and Surface Water Releases. This list is a subset of the ERNS-National Response System database detailing sites that have impacted only the air or surface water.

Currently, there are no Releases (Air/Water) within the 0.12-mile (0.2-km) search distance from the site.

### **Hazardous Materials Incident Response System**

The Hazardous Materials Incident Response System (HMIRS) is a database of information regarding materials, packaging, and a description of events for tracked incidents.

Currently, there are no HMIRS within the 0.12-mile (0.2-km) search distance from the site.

### **National Compliance Data Base System**

The National Compliance Data Base System (NCDB) is a database of regional compliance and enforcement activity and manages the Pesticides and Toxic Substances compliance and Enforcement program at a national level. The system tracks all compliance monitoring and enforcement activities from the time an inspector conducts an inspection until the time the inspector closes the case or settles the enforcement action. NCDB is the national repository of the 10 regional and Headquarters FIFRA/TSCA Tracking System (FTTS). Data collected in the regional FTTS is transferred to NCDB to support the need for monitoring national performance of regional programs.

Currently, there are no NCDB sites within the 0.25-mile (0.4-km) search distance from the site.

### **PADS**

The USEPA maintains a database of PCB handlers. This database includes PCB generators, transporters, storers and/or disposers that are required to register with the USEPA. This database indicates the type of handler and registration number. Also included is the PCB Transformer Registration Database.

Currently, there are no PADS sites within the 0.25-mile (0.4-km) search distance from the site.

### **Federal Other**

Section Seven Tracking System (SSTS) within the USEPA maintains a database of registration and production data for facilities which manufacture pesticides. Aerometric Information Retrieval System (AIRS) is another database of detailed information pertaining to sites which submit air emissions reports. Developed under the Clean Air Act, this database also maintains data on compliance status and enforcement actions.

Currently, there are no Federal Other sites within the 0.25-mile (0.4-km) search distance from the site.

### **Towers**

Towers is a database that encompasses three sources of information from the Federal Aviation Administration (FAA) and the Federal Communication Commission (FCC). FAA data includes the Digital Obstacle File which contains obstruction data for man made objects that affect domestic aeronautical charting products. FCC data includes the Wireless Telecommunication Bureau's Universal Licensing System which contains the Antenna Structure Database and the Cellular Tower Database. FCC data also includes the Mass Media Bureau's Consolidated database System which includes engineering data for AM, FM, and Television broadcasting stations.

Currently, there is one Tower within the 0.25-mile (0.4-km) search distance from the site. This site is a cellular phone tower. Designation as a Tower is not an indication of an environmental discharge, violation or concern. This site does not constitute a REC to the site.

### **Radon**

The USEPA collected radon data from the 1990-1991 national radon project. This project collected data for a variety of zip codes across the United States. The radon data listed here is based on the radon data collected for this site's zip code.

The database report indicates the presence of radon in the area in concentrations between 1.2 and 4.8 picoCuries/liter (pCi/L). These concentrations are above the screening levels for Zones 1 and 2 and were based on national radon data collected for various zip codes. Although, these values exceed the screening levels for Zone 1 and Zone 2, radon information for the Hawaiian Islands indicates that the USEPA has categorized Hawaii as Zone 3 for radon. A Zone 3 classification is for areas with indoor average radon levels of less than to 2 pCi/L. This is below the USEPA radon recommended action level (RAL) of 4 pCi/L.

## **4.2 ENVIRONMENTAL AGENCY RECORDS**

Findings from the environmental database review did not reveal any RECs resulting in the need for further review of agency records.

#### **4.3 NAVY RECORDS AND DOCUMENTS**

##### **4.3.1 *Environmental Baseline Survey and Site Summary Report***

Application of waste oil as a dust suppressant along the road ways within the vicinity of the site may have occurred, potentially resulting in a pre-existing condition. This was reported to have been a common practice at other military installations (DON, 2006). Since no documentation can be found to support that this practice occurred at Hale Moku, it is the opinion of the EP that this does not constitute a REC for the site.

According to the EBS, ACM may be present in transite pipe in the Hale Moku housing area. This constitutes a REC for the site.

Historically chlordane containing pesticides have been used in the management of termite infestation, typically applied during construction of homes under slabs and around the foundations. Chlordane is a persistent pesticide with a half life of approximately 4 years, and can persist in soil over 20 years. Due to the historic use of chlordane in the homes that were previously on-site, chlordane may exist in the soil near the foundation and under the building slabs. This constitutes a REC for the site.

The Environmental Baseline Survey reports that off-site structures, including AST, USTs, and buildings are undergoing response actions or further evaluation is recommended. Table 15-4 of the EBS, presented in Appendix D, provides a listing of these structures and their EBS Category Designation. Under the IR program, multiple sites are undergoing response actions. These structures currently or previously employed hazardous substances and discharges from the off-site structures have the potential to impact groundwater. These localize groundwater impacts have the potential to migrate onto the site. Thus, potential groundwater impacts from these off-site structures qualify as a REC.

Heavy metals have been discovered in Building 449, which is off-site of the site. None of the heavy metals from this structure have impacted the site; therefore, heavy metals associated with Building 449 are not RECs for the site.

Two transformers, H-21 and H-24, are located off-site of the site; however, they require additional response actions. Since these transformers are not located on the site and since PCBs do not migrate, these are not RECs for the site.

##### **4.3.2 *Integrated Natural Resources Management Plan***

The Pearl Harbor Integrated Natural Resources Management Plan (DoN 2001) served as a reference for endangered species data in the Pearl Harbor area. The shoreline, estuarine and freshwater areas of Pearl Harbor are known habitat for four endemic and endangered waterbirds: the (Hawaiian) Black-necked Stilt (*Himantopus mexicanus*) or

ae'o; Common Moorhen (*Gallinula chloropus sandvicensis*) or 'alae 'ula; Hawaiian Coot (*Fulica alai*) or 'alae ke 'oke 'o and Hawaiian Duck (*Anas wyvilliana*) or Koloa. Of these four species, stilt are the most common in Pearl Harbor and occur in far greater numbers than all other endangered waterbirds combined. Populations of all the endangered waterbirds have declined due to the loss of wetland habitats and the introduction of predators, such as dogs, cats and mongoose.

Two additional species of birds, listed as threatened or endangered species by the State of Hawaii but not the federal government are occasionally found in the Pearl Harbor vicinity. They are the state-threatened white term (*Gygis alba rothschildi*) or manu o ku, a diminutive arboreal-nesting seabird, and the state-endangered Hawaiian or Short-eared Owl (*Asio flammeus sandwichensis*) or pueo.

Two turtle and two marine mammal species that occur in Hawaiian waters have been declared federally threatened or endangered. The threatened green sea turtle (*Chelonia mydas*) or honu commonly occurs in the nearshore areas of Hawaii. The green sea turtle has rarely been observed in the harbor and no nesting in the harbor has been reported. The endangered hawksbill turtle (*Eretmochelys imbricate*) or honu 'ea is found infrequently in Hawaiian waters, and there are no recorded sightings of the hawksbill turtle within Pearl Harbor.

The Hawaiian monk seal (*Monachus schauinslandi*) or 'ilio holo i a uana has been observed sporadically in the main Hawaiian Islands. Though they have never been reported in the harbor, the Hawaiian monk seal has been recorded at Iroquois Point, the Pearl Harbor entrance channel.

Populations of the endangered humpback whale (*Megaptera novaeangliae*) are known to winter in the Hawaiian Islands from December to April.

#### **4.4 PHYSICAL SETTINGS SOURCE(S)**

##### **4.4.1 USGS Topographic Map**

Exhibit 3 presents the location of the site on a USGS topographic map.

##### **4.4.2 Geological, Hydrogeological, and Meteorological Review**

###### **Geology**

The island of O'ahu originated from the remnants of two shield volcano mountain ranges, with the older Waianae Mountain Range on the west and the younger Koolau Range on the east. A series of sea level changes, volcanic eruptions (lava flows and cinder cones), subsidence events and erosional events resulted in the present-day configuration. The site area formed during a period of subsidence for the Waianae and Koolau Ranges, concurrently with the deposition of terrigenous sediments from the

ranges and changes in sea level. The site is located in an area of multiple drowned river valleys (Macdonald, 1983). Geologic formations in the area include coral reef deposits, sedimentary lagoonal deposits, sedimentary marine deposits and underlying basalt flows.

### **Hydrogeology**

Groundwater resources in the site area include shallow perched and basal (fresh water in contact with sea water) aquifers beginning at elevations close to mean sea level. Two aquifer types are present: upper basal (fresh water in contact with sea water) unconfined aquifers in sedimentary deposits and lower basal confined aquifers in flank deposits (horizontally extensive lavas). Upgradient a single aquifer type is present. This aquifer type is basal, unconfined and occurs in flank deposits (Mink and Lau, 1990).

### **Meteorology**

The site is located within the Pearl Harbor area of O'ahu. Meteorological studies and investigations from a weather station located at the Honolulu International Airport have indicated that the average high of 88.1 degrees Fahrenheit (°F) occurs during the summer months and a low of 65.7°F occurs in the winter months. The average annual maximum temperature is 84.0°F. Very little rainfall or no rainfall at all occurs during the summer months. Rainfall typically occurs from October through April, providing an average annual rainfall of 20.7 inches (0.53 m) of rain (WRCC, 2006).

## **4.5 HISTORICAL USE INFORMATION**

### **4.5.1 Aerial Photographs**

Copies of aerial photographs of the site and surrounding areas were obtained for the years 1951, 1964, 1973, 1982, 1991, and 2003 from TIS. These photographs are presented in Appendix B. The following historical information was identified on the aerial photographs:

1951: Route 99 is visible. The H-1 Freeway is not visible. There is residential development on the site. Initial development of the land southeast of the site is visible. Some industrial development is visible to the east. Industrial development, notably fuel storage tanks, is located north of the site.

1964: There is residential development to the east of the site; otherwise, there are no other significant changes to the site or surrounding properties compared to the 1951 aerial photograph.



1973: There is additional residential development to the east of the site; otherwise, there are no other significant changes to the site or surrounding properties compared to the 1964 aerial photograph.

1982: The H-1 Freeway is under construction. There are no other significant changes to the site or surrounding properties compared to the 1973 aerial photograph.

1991: The H-1 Freeway is complete. No other significant changes to the site or surrounding properties compared to the 1982 aerial photograph are visible.

2003: There are no visible significant changes to the site or the surrounding properties compared to the 1991 aerial photograph.

#### **4.5.2 Historic Topographic Maps**

Copies of historic topographic maps of the site and surrounding areas were obtained for the years 1959, 1968, 1983 and 1999 from TIS. These maps are presented in Appendix C. The site development as recorded on the historic topographic maps is closely aligned with the development presented in the historical aerial photographs.

#### **4.5.3 Fire Insurance Maps**

Sanborn® fire insurance maps were not available for the site.

#### **4.5.4 Recorded Land Title Records**

The site is currently owned by the Federal government and managed by the Department of Defense. Declarations of taking by the United States government for military use were made on October 30, 1939 and November 19, 1940.

#### **4.5.5 Building Department Records**

The site is currently owned by the Federal government and managed by the Department of Defense. Parsons coordinated with the Navy during the site reconnaissance and records search. Information regarding date of construction and subsequent modifications to structures was reviewed and incorporated into this assessment from information provided by the Navy, available on the Internet and other documents provided by the Design contractor.

#### **4.5.6 Zoning/Land Use Records**

The zoning designation for the site is F-1, Military and Federal.

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## **5.0 INFORMATION FROM SITE RECONNAISSANCE AND INTERVIEWS**

Parsons conducted reconnaissance of the site on June 14, 2006. The site serves as residential housing and is largely occupied. Nine units were available for inspection.

### **5.1 HAZARDOUS SUBSTANCES IN CONNECTION WITH IDENTIFIED USES**

During the site reconnaissance, hazardous substances were not observed at the site.

### **5.2 HAZARDOUS SUBSTANCE CONTAINERS AND UNIDENTIFIED SUBSTANCE CONTAINERS**

No containers were identified during the site reconnaissance.

### **5.3 STORAGE TANKS**

During the site reconnaissance, there were no storage tanks observed at the site.

### **5.4 INDICATIONS OF PCBS**

During the site reconnaissance, land-based power transformers were observed in various locations of the property. The transformers were of a modern design and as a result, highly likely to be PCB-free. In general, PCB-free labels were observed during the course of the site reconnaissance of military facilities. As a result, it is likely that the transformer oil currently used at the site is PCB-free.

### **5.5 INDICATIONS OF ASBESTOS**

During the site reconnaissance suspect ACMs were not observed.

### **5.6 INDICATIONS OF SOLID WASTE DISPOSAL**

During the site reconnaissance, minimal domestic trash (litter) was observed.

### **5.7 PHYSICAL SETTING ANALYSIS, IF MIGRATING HAZARDOUS SUBSTANCES ARE AN ISSUE**

Section 4.1 summarizes potential concerns regarding nearby sites that may have an impact on the site and Section 4.4 summarizes the physical setting.

### **5.8 WETLANDS AND FLOODPLAINS**

No wetlands or floodplains were observed during the site reconnaissance.

## **5.9 LEAD**

During the site reconnaissance, exterior and interior paint conditions were observed to generally be good.

## **5.10 ENDANGERED SPECIES AND SENSITIVE ENVIRONMENTS**

### **5.10.1 Endangered Species**

No endangered species were observed during the site reconnaissance.

### **5.10.2 Sensitive Environments**

No sensitive environments were observed during site reconnaissance.

## **5.11 INTERVIEWS**

### **5.11.1 Military Organizations**

(b) (6), environmental scientist representing NAVFAC PAC, was interviewed (Parsons 2006).

(b) (6), Family Housing Program Director for the COMNAV Region Hawaii, was also interviewed (Parsons 2006).

### **5.11.2 Hawaii Department of Health**

The Hawaii Department of Health (HDOH) maintains a database of Activity and Use Limitations (AULs). The database was queried to determine if the subject property has any recorded AULs. No AULs were recorded. However, the database is still under development and according to HDOH representatives (b) (6) and (b) (6), August 8, 2006), this may indicate that the site is currently under evaluation for applicable restrictions. The HDOH representative also indicated that the primary source of information for the database for military family housing sites is the Finding of Suitability (FOS) report (Parsons, 2006). The FOS was reviewed and it was determined that there are no AULs for the subject site (DON, 2006).

## **5.12 OTHER CONDITIONS OF CONCERN**

No indications of termite infestation were observed during the site reconnaissance. Historically, chlordane containing pesticides have been used in the management of termite infestation, typically applied during construction of homes under slabs and around the foundations.

## **6.0 FINDINGS**

### **6.1 FINDINGS SUMMARY**

In conclusion, based upon the definition of a REC in the ASTM Standard Practice E 1527-05, the following RECs have been identified for the site:

- Due to the historic use of chlordane as a termiticide in the homes that were previously on-site, chlordane may exist in the soil near the foundation and under the building slabs. Surface and near-surface soil sampling for chlordane and other pesticides, including DDT, dieldrin, and heptachlor, is recommended.
- According to the EBS, ACM may be present in transite pipe located in the Hale Moku neighborhood. It is recommended that the presence of ACM be disclosed to prospective tenants. It is also recommended that during demolition activities, the ACM Management Plan be followed.
- There is one LUST site located at Hickam Air Force Base that is still active. This site has the potential for contamination to migrate to the groundwater in the housing area.
- The Environmental Baseline Survey reports that off-site structures, including AST, USTs, and buildings are undergoing response actions or further evaluation is recommended. Under the IR program, multiple sites are undergoing response actions. Table 15-4 of the EBS, presented in Appendix D, provides a listing of these structures and their EBS Category Designation. These structures currently or previously employed hazardous substances and discharges from the off-site structures have the potential to impact groundwater. These localize groundwater impacts have the potential to migrate onto the site. Thus, potential groundwater impacts from these off-site structures qualify as a REC.

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## **7.0 OPINION**

Based on the findings of our assessment, Parsons provides the following opinions on the observed conditions:

The following RECs have been identified for the site:

- Pesticides - Due to the historic use of chlordane as a termiticide in the homes that were previously on-site, it is the opinion of the environmental professional (EP) that chlordane and other pesticides may have been employed at the site for pest control. As a result, surface and near-surface soil sampling for chlordane and other pesticides, including DDT, dieldrin, and heptachlor, is recommended.
- ACM - According to the EBS, ACM may be present in transite pipe located in the Hale Moku neighborhood. It is recommended that the presence of ACM be disclosed to prospective tenants. It is also recommended that during demolition activities, the ACM Management Plan be followed.
- Groundwater – It is the opinion of the EP that contamination from the two leaking underground storage tanks may migrate to the groundwater in the housing area.
- Groundwater - The Environmental Baseline Survey reports that potential discharges of hazardous substances located at off-site structures have the potential to impact groundwater. It is the opinion of the EP that these localized groundwater impacts have the potential to migrate onto the site, impacting site groundwater.

The EBS reports that the application of waste oil as a dust suppressant along the road ways within the vicinity of the site may have occurred, potentially resulting in a pre-existing condition. This was reported to have been a common practice at other military installations. Since no documentation can be found to support that this practice occurred at the site, it is the opinion of the EP that this does not constitute a REC for the site.

The site, the Pearl Harbor Shipyard and Maintenance Facility, has nine violations recorded, from 1986 until 1995. The last violation was resolved in October 2000. All of the violations were administrative in nature. No environmental concerns were reported. It is the opinion of the EP that this does not constitute a REC for the site.

It is the opinion of the EP that given that heavy metal impacts at off-site Building 449 have not migrated onto the site, it is not a REC.

It is the opinion of the EP that impacts from off-site transformer H-21 and H24 are not RECs. Although discharges have occurred resulting in impacts at the immediate vicinity of the transformers, PCBs do not typically migrate. Thus, impacts at the site from these transformers are highly unlikely.



## **8.0 CONCLUSIONS**

Parsons has conducted this Phase I Environmental Site Assessment in accordance with the American Society for Testing Materials Standard Practice E 1527-05, Standard Practice for Environmental Site Assessments: Phase I Environmental Assessment Process of the Hale Moku Naval Family Housing Area located in the Pearl Harbor Area of O'ahu Hawaii. This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property.

### **8.1 GENERAL CONCLUSIONS**

Per the findings above, the following RECs were identified for the site: (1) chlordane and other pesticides, including DDT, dieldrin and heptachlor, in soils; (2) ACM, (3) groundwater due to potential impacts from leaking USTs at Hickam Air Force Base, and (4) potential hazardous substances migrating on-site via groundwater from leaking off-site structures, including AST, USTs and buildings.

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## **9.0 DEVIATIONS AND DATA GAPS**

### **9.1 DEVIATIONS**

Photographs were not taken during the course of the site reconnaissance.

### **9.2 DATA GAPS**

Data is not presented in the following report sections:

#### **3.4.5 Valuation Reduction for Environmental Issues**

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## **10.0 REFERENCES**

### **10.1 REFERENCES**

*Aquifer Identification and Classification for Oahu: Groundwater Protection Strategy for Hawaii*, Mink, John F. and Lau, Stephen L., February 1990 (Revised).

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Draft Finding of Suitability to Support the Public-Private Venture of the Department of the Navy Housing, Pearl Harbor Naval Complex, Camp Stover, NCTAMS PAC Wahiawa, Oahu and PMRF Kauai, Hawaii for Naval Facilities Engineering Command Pacific Division. May 2006.

Final Environmental Baseline Survey to Support the Public-Private Venture of the Department of the Navy Housing, Pearl Harbor Naval Complex, Camp Stover, NCTAMS PAC Wahiana, O'ahu and PMRF Kauai, Hawaii. Naval Facilities Engineering Command Pacific. August 2006.

Final Finding of Suitability to Support the Public-Private Venture of the Department of the Navy Housing, Pearl Harbor Naval Complex, Camp Stover, NCTAMS PAC Wahiawa, Oahu and PMRF Kauai, Hawaii for Naval Facilities Engineering Command Pacific Division. August 2006.

Pearl Harbor Integrated Natural Resources Management Plan, Final; Commander Navy Region Hawaii, Department of the Navy, October 2001.

Personal communication between (b) (6) and (b) (6) of Hawaii Department of Health and (b) (6) and (b) (6) of Parsons. August 8, 2006.

Personal communication between (b) (6) of COMNAV Region Hawaii and (b) (6) and (b) (6) of Parsons. August 9, 2006.

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Ohana Repair Cost and Inventory Database. Ohana Military Communities, LLC, Hawaii. August 2006.

TIS. Environmental FirstSearch™ Report. June 8, 2006.

TIS. Historical Aerial Photograph Report February 28, 2006.

TIS. Historical Topographic Map Report. March 6, 2006.

*Volcanoes in the Sea, The Geology of Hawaii*, Second Ed., Macdonald et. al., 1983.

Western Regional Climate Center Web Page (<http://www.wrcc.dri.edu/>)

## **11.0 SIGNATURE(S) OF ENVIRONMENTAL PROFESSIONAL(S)**

Parsons declares that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in Section 312.10 of Title 40, Code of Federal Regulations (CFR), Part 312 dated 1 November 2005.

We have the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312.

Signature:

Date:

(b) (6)  
\_\_\_\_\_  
(b) (6), P.E.

September 2006

(b) (6)  
\_\_\_\_\_  
(b) (6), P.E.

September 2006

(b) (6)  
\_\_\_\_\_  
(b) (6)

September 2006

(b) (6)  
\_\_\_\_\_  
(b) (6)

September 2006

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## **12.0 QUALIFICATION(S) OF ENVIRONMENTAL PROFESSIONAL(S)**

<b>Name</b>	<b>Degree</b>	<b>Years of Experience</b>	<b>Project Responsibilities</b>
(b) (6), P.E.	M.S., Chemical Engineering	28	Site reconnaissance, data review and report preparation
(b) (6), P.E.	M.S., Chemical Engineering	27	Site reconnaissance, data review and report preparation
(b) (6)	B.A., Environmental Studies	5	Site reconnaissance, data review and report preparation
	B.A., Anthropology		
(b) (6)	B.S., Chemical Engineering	3	Site reconnaissance, data review and report preparation

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Signature:

Date:

(b) (6)  
\_\_\_\_\_  
(b) (6), P.E.

September 2006

(b) (6)  
\_\_\_\_\_  
(b) (6)

September 2006

(b) (6)  
\_\_\_\_\_  
(b) (6)

September 2006

(b) (6)  
\_\_\_\_\_  
(b) (6)

September 2006

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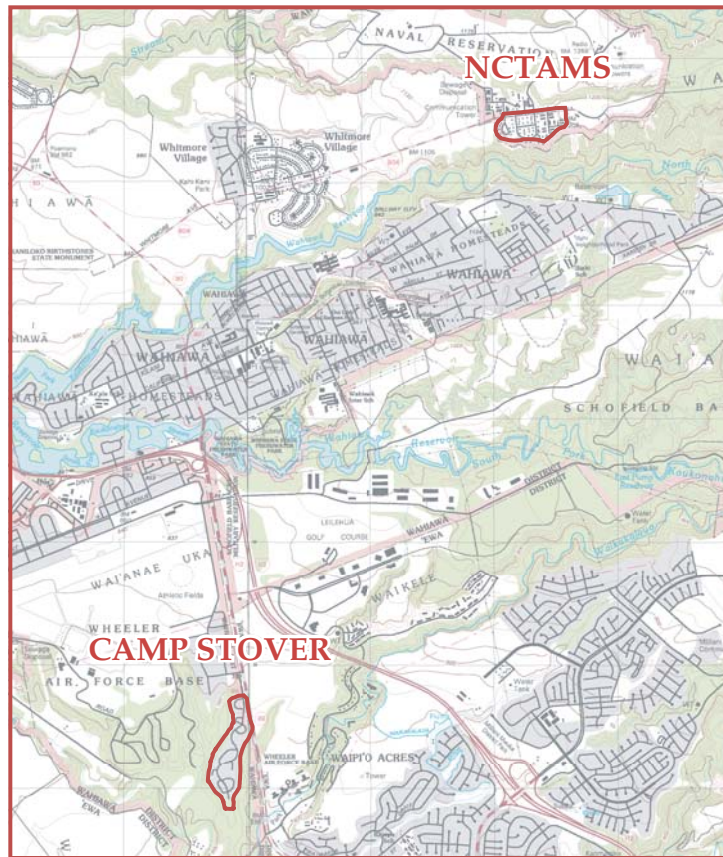
## **12.0 QUALIFICATION(S) OF ENVIRONMENTAL PROFESSIONAL(S)**

<b>Name</b>	<b>Degree</b>	<b>Years of Experience</b>	<b>Project Responsibilities</b>
(b) (6), P.E.	M.S., Chemical Engineering	28	Site reconnaissance, data review and report preparation
(b) (6) P.E.	M.S., Chemical Engineering	27	Site reconnaissance, data review and report preparation
(b) (6)	B.A., Environmental Studies	5	Site reconnaissance, data review and report preparation
	B.A., Anthropology		
(b) (6)	B.S., Chemical Engineering	3	Site reconnaissance, data review and report preparation

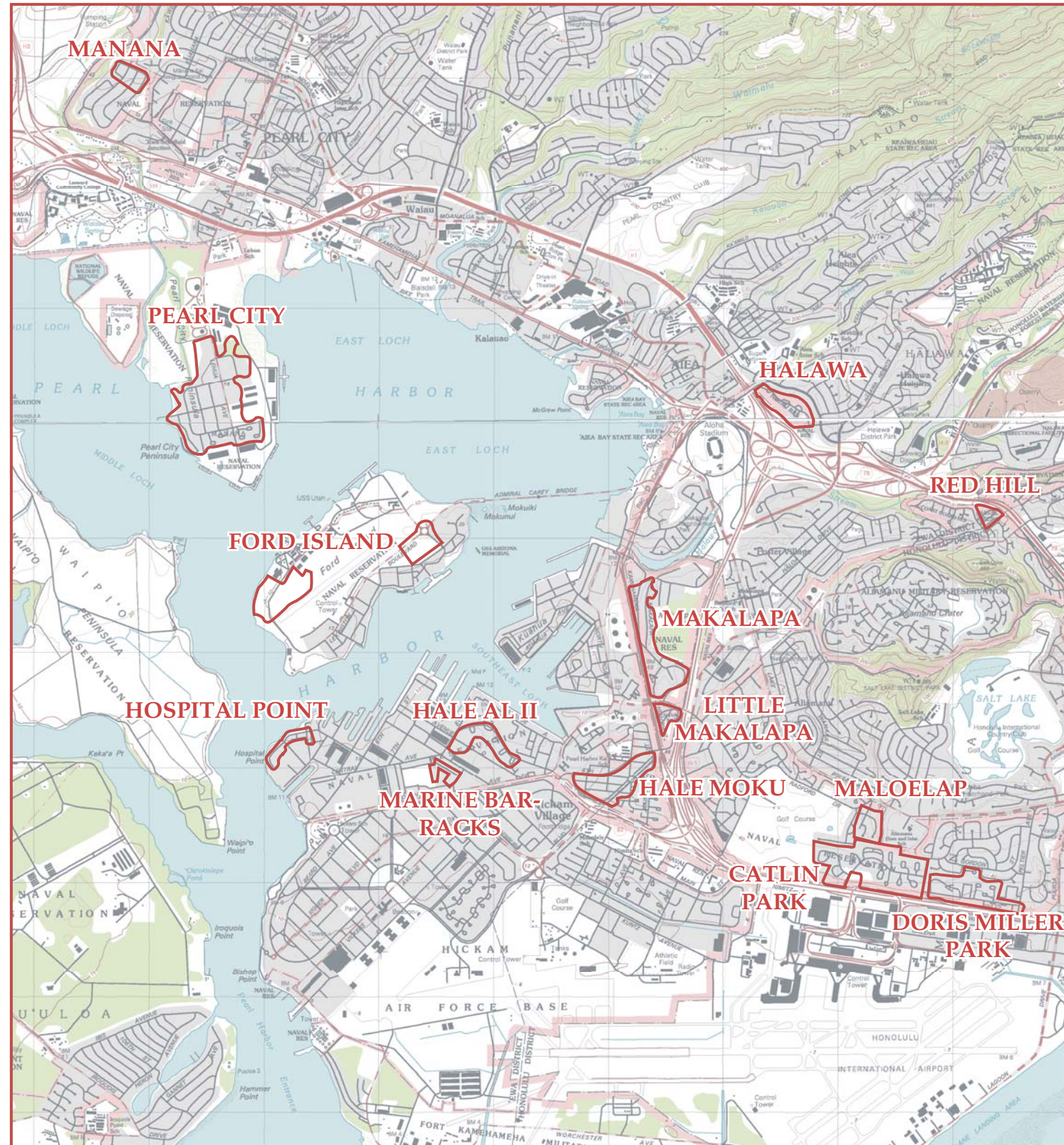
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EXHIBIT 1  
SITE MAP





0' 2500' 5000'



0' 2000' 4000'

# NAVY INCREMENT III SITES CONTEXT Overall Location Map

Honolulu, Hawaii



June 2006

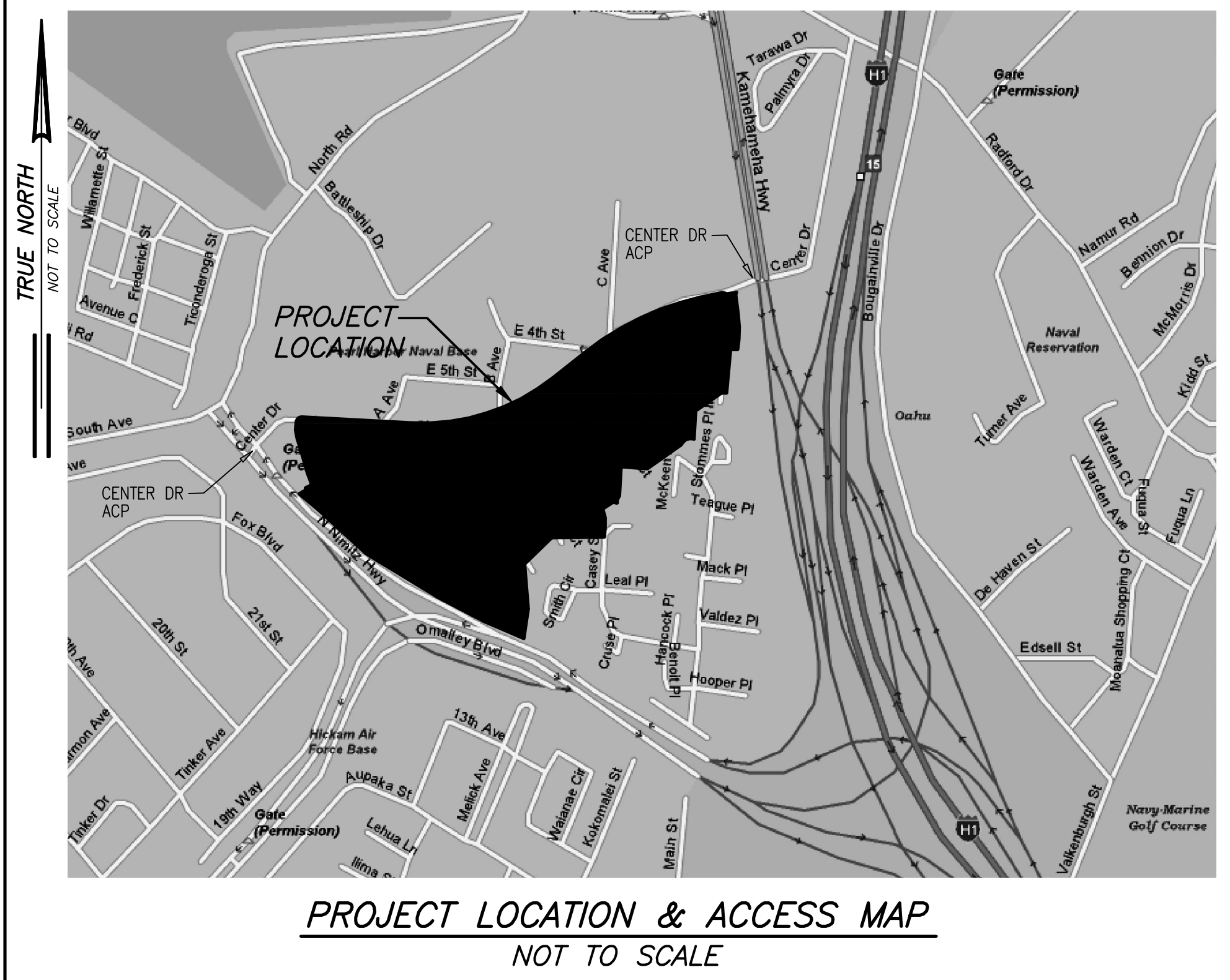


EXHIBIT 2  
SITE SURVEY MAP



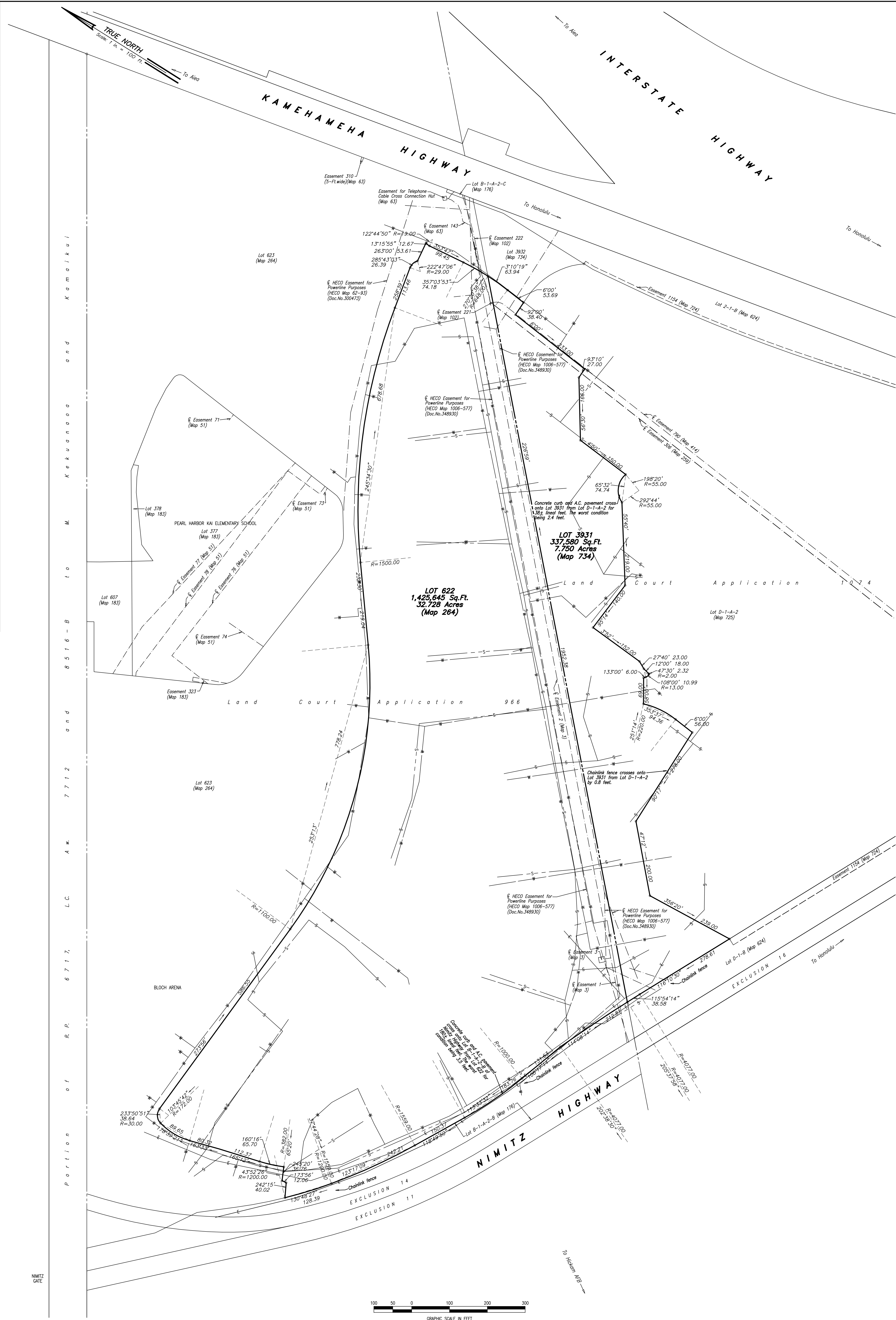






- LEGEND:**
- |        |   |
|--------|---|
| ACP    | Access Control Point                    |
| △      | Government Survey Triangulation Station |
| P.O.B. | Point of Beginning                      |
| SQ.FT. | Square Feet                             |
| —E—    | Electric Utility                        |
| —W—    | Water Line                              |
| —S—    | Sewer Line                              |

- NOTES:
1. Azimuths & Coordinates are referred to Government Survey Triangulation Station "SALT LAKE".
  2. Map is compiled from records found at the State Survey Office, Real Property Tax Mapping Branch and Bureau of Conveyances.



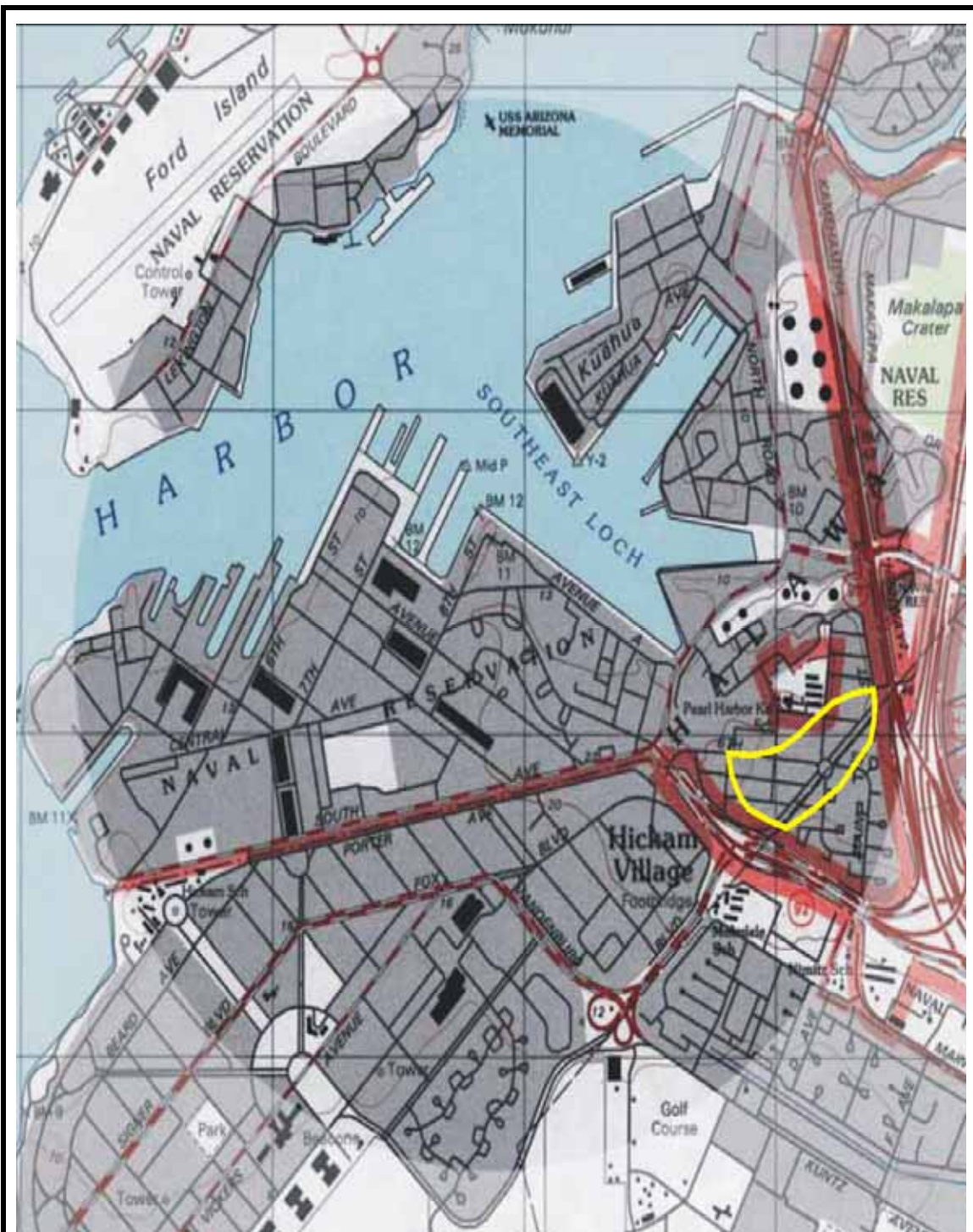
MODIFIED ALTA/ACSM LAND TITLE SURVEY

*"HALE MOKU"*  
*BEING LOT 622, MAP 264*  
*OF LAND COURT APPLICATION 966*  
*AND LOT 3931, MAP 734*  
*OF LAND COURT APPLICATION 1074*

HALAWA & MOANALUA, EWA & HONOLULU, OAHU, HAWAII  
TAX MAP KEY: (1ST DIV.) 1-1-10: PORTION 03 & 9-9-01: PORTION 08

EXHIBIT 3  
SITE TOPOGRAPHICAL MAP





Site Boundary

**Exhibit 3**  
**Site Topographical Map**

EXHIBIT 4  
ENVIRONMENTAL DATABASE SITES WITHIN ASTM SEARCH  
DISTANCE

**Exhibit 4**  
**Environmental Database Sites within**  
**ASTM Search Distance**





## Appendix A

### ENVIRONMENTAL DATABASE REPORT



**TRACK ► INFO SERVICES, LLC**

# **Environmental FirstSearch™ Report**

**TARGET PROPERTY:**

**HALE MOKU NAVAL FAMILY HOUSING**

**HONOLULU HI 96818**

Job Number: 442221

**PREPARED FOR:**

Parsons

100 West Walnut Street

Pasadena, CA 91124

06-08-06



*Tel: (866) 664-9981*

*Fax: (818) 249-4227*

# *Environmental FirstSearch*

## *Search Summary Report*

**Target Site:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

### FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	04-10-06	1.00	0	0	0	0	0	0	0
CERCLIS	Y	03-08-06	0.50	0	0	0	0	-	2	2
NFRAP	Y	03-08-06	0.12	0	0	-	-	-	0	0
RCRA TSD	Y	02-16-06	0.50	0	0	0	0	-	1	1
RCRA COR	Y	02-16-06	1.00	0	0	0	0	1	0	1
RCRA GEN	Y	02-16-06	0.25	0	0	0	-	-	0	0
RCRA NLR	Y	02-16-06	0.12	0	0	-	-	-	1	1
ERNS	Y	12-31-05	0.12	0	0	-	-	-	2	2
NPDES	Y	03-26-06	0.25	0	0	0	-	-	0	0
FINDS	Y	09-12-05	0.25	0	0	0	-	-	3	3
TRIS	Y	12-01-05	0.25	0	0	0	-	-	0	0
State Sites	Y	NA	1.00	0	0	0	0	0	0	0
SWL	Y	NA	0.50	0	0	0	0	-	0	0
REG UST/AST	Y	02-28-06	0.25	0	0	0	-	-	0	0
Leaking UST	Y	02-28-06	0.50	0	0	0	1	-	2	3
ACEC	Y	NA	0.50	0	0	0	0	-	0	0
Wetlands	Y	NA	0.50	1	0	0	1	-	0	2
Floodplains	Y	NA	0.50	0	0	0	0	-	0	0
Nuclear Permits	Y	NA	0.50	0	0	0	0	-	0	0
Historic/Landmark	Y	11-17-05	0.50	0	0	0	0	-	5	5
Federal Land Use	Y	01-27-05	0.50	1	1	0	0	-	0	2
Federal Wells	Y	05-19-03	0.50	0	0	0	5	-	0	5
Releases(Air/Water)	Y	12-31-05	0.12	0	0	-	-	-	6	6
HMIRS	Y	03-15-05	0.12	0	0	-	-	-	3	3
NCDB	Y	08-30-04	0.25	0	0	0	-	-	1	1
PADS	Y	12-27-05	0.25	0	0	0	-	-	0	0
Federal Other	Y	05-21-06	0.25	0	0	0	-	-	0	0
Towers	Y	01-15-04	0.25	0	1	0	-	-	2	3
- TOTALS -				2	2	0	7	1	28	40

### Notice of Disclaimer

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to TRACK Info Services, certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in TRACK Info Services's databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

### Waiver of Liability

Although TRACK Info Services uses its best efforts to research the actual location of each site, TRACK Info Services does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of TRACK Info Services's services proceeding are signifying an understanding of TRACK Info Services's searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

***Environmental FirstSearch  
Site Information Report***

**Request Date:** 06-08-06  
**Requestor Name:** (b) (6)  
**Standard:** ASTM

**Search Type:** AREA  
**Job Number:** 442221

**Filtered Report**

**TARGET ADDRESS:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

***Demographics***

<b>Sites:</b> 40	<b>Non-Geocoded:</b> 28	<b>Population:</b> NA
<b>Radon:</b> -1.2 - 4.8 PCI/L		

***Site Location***

	<u>Degrees (Decimal)</u>	<u>Degrees (Min/Sec)</u>		<u>UTMs</u>
<b>Longitude:</b>	-157.941557	-157:56:30	<b>Easting:</b>	609750.697
<b>Latitude:</b>	21.349865	21:20:60	<b>Northing:</b>	2361099.039
			<b>Zone:</b>	4

***Comment***

**Comment:**

***Additional Requests/Services***

**Adjacent ZIP Codes:** 1 Mile(s)

**Services:**

ZIP Code	City Name	ST	Dist/Dir	Sel
96701	AIEA	HI	0.81 NE	Y
96853	HICKAM AFB	HI	0.49 SW	Y
96860	PEARL HARBOR	HI	0.00 --	Y

	Requested?	Date
Sanborns	No	
Aerial Photographs	No	
Historical Topos	No	
City Directories	No	
Title Search	No	
Municipal Reports	No	
Online Topos	No	

# *Environmental FirstSearch*

## *Sites Summary Report*

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**TOTAL:** 40      **GEOCODED:** 12      **NON GEOCODED:** 28      **SELECTED:** 0

Page No.	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
1	LANDUSE	NAVY DOD PEARL HARBOR NAVAL STATIO 45978	HI	0.00 --	6
1	WETLANDS	NATIONAL WETLANDS INVENTORY NWI-HI-1666/E1OWL	HI	0.00 --	3
2	LANDUSE	AIR FORCE DOD HICKAM AIR FORCE BAS 45984	HI	0.04 SE	5
2	TOWERS	NEXTEL COMMUNICATIONS 00-AWP-3785-OE/ASR-DE	PEARL HARBOR V HI	0.04 SE	12
3	WETLANDS	NATIONAL WETLANDS INVENTORY NWI-HI-1714/PSS3/EM1C	HI	0.39 NE	4
4	FEDWELLS	3-2156-01 W171 HALAW FW-HI-1350/USGS GROUNDWATER INV	HI	0.42 NE	9
5	FEDWELLS	3-2057-03 W167 AIRPT FW-HI-1300/USGS GROUNDWATER INV	HI	0.44 SW	8
6	FEDWELLS	3-2056-02 W166 AIRPT FW-HI-1279/USGS GROUNDWATER INV	HI	0.47 SW	7
7	LUST	HICKAM AIR FORCE BASE 9-102568	BLDG 358, 203 17TH ST HICKAM AIR FOR HI 96853	0.48 SW	2
8	FEDWELLS	3-2156-02 W172 HALAW FW-HI-1351/USGS GROUNDWATER INV	HI	0.49 NE	10
9	FEDWELLS	3-2157-01 W169 PEARL FW-HI-1334/USGS GROUNDWATER INV	HI	0.49 NW	11
10	RCRACOR	PEARL HARBOR SHIPYARD AND MAINT F HI6170024339/CA	PEARL HARBOR NAVAL BASE PEARL HARBOR HI 96860	0.66 NW	1

# *Environmental FirstSearch*

## *Sites Summary Report*

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**TOTAL:** 40      **GEOCODED:** 12      **NON GEOCODED:** 28      **SELECTED:** 0

Page No.	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
13	CERCLIS	ALOHA TOWER DEVELOPMENT HID984466706/NOT PROPOSED	PIERS 8-14, NIMITZ HWY. HONOLULU, OAHU HI 96818	NON GC	
13	CERCLIS	USN FLEET TRAINING GROUP HI4170090035/PART OF NPL	1430 SOUTH AVE PEARL HARBOR HI 96860	NON GC	
14	ERNS	489433/UNKNOWN (NRC)	AVE A AND 6TH STREET NEAR B PEARL HARBOR HI 96860	NON GC	
15	ERNS	AIRCO 200825/FIXED FACILITY	AIRCO 2305 KAMEHAMEHA HWY HONOLULU HI	NON GC	
16	FINDS	PEARL CITY LDFL HID980585178	WAIPUNA AVE PEARL CITY HI 96860	NON GC	
16	FINDS	ALOHA TOWER DEVELOPMENT HID984466706	PIERS 8 14 NIMITZ HWY HONOLULU HI 96818	NON GC	
16	FINDS	INTEGRATED MEDIA INC HI0000900670	2908 KAMEHAMEHA HWY STE 101 HONOLULU HI 96818	NON GC	
17	HISTSITES	BATTERY JACKSON 84000954/STRUCTURE	FT. KAMEHAMEHA HONOLULU HI	NON GC	
18	HISTSITES	BATTERY SELFRIDGE 84000975/BUILDING	FT. KAMEHAMEHA HONOLULU HI	NON GC	
19	HISTSITES	BATTERY HAWKINS ANNEX 84000948/STRUCTURE	FT. KAMEHAMEHA HONOLULU HI	NON GC	
20	HISTSITES	BATTERY HASEBROUCK 84000925/BUILDING	FT. KAMEHAMEHA HONOLULU HI	NON GC	
21	HISTSITES	WAR MEMORIAL NATATORIUM 80001283/STRUCTURE	KALAKAUA AVE. HONOLULU HI	NON GC	
22	HMIRS	BREWER ENVIRONMENTAL IND 1995061150/WATER	NIMITZ HWY HONOLULU HI	NON GC	
25	HMIRS	BHP PETROLEUM REFINING INC 1996050639/HIGHWAY (FOR HIRE)	64 1551 KAMEHAMEHA HWY HONOLULU HI	NON GC	
28	HMIRS	BHP PETROLEUM AMERICAS TERMINA 1993070904/HIGHWAY (PRIVATE)	NIMITZ HWY HONOLULU HI	NON GC	
31	LUST	HICKAM AIR FORCE BASE 9-102579	BLDG 4006 TANK 75036A K HICKAM AIR FOR HI 96853	NON GC	
31	LUST	FLEET INTELLIGENCE CENTER PACIFIC 9-100991	BLDG 352, MAKALAPA CRATER, PEARL HARBOR HI 96860	NON GC	
32	NCDB	HOLY FAMILY SCHOOL NCDB-20041116HI08/TSCA	830 MAIN ST. HONOLULU HI 96818	NON GC	
33	RCRA	USNAVY CMDR NVY RG HI PEARL HARBOR HI1170024334/TSD	BLDG 1526 CENTRAL AVE SHIPY PEARL HARBOR HI 96860	NON GC	
37	RCRANLR	USNAVY AFLOAT TRAINING GRP MIDPAC HI4170090035/NLR	1430 SOUTH AVE PEARL HARBOR HI 96860	NON GC	

***Environmental FirstSearch***  
***Sites Summary Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**TOTAL:** 40      **GEOCODED:** 12      **NON GEOCODED:** 28      **SELECTED:** 0

Page No.	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
38	RELEASES	HAWAIIAN TUG AND BARGE 223568/MARINE- RELEASED FRO	OFF OF N. NIMITZ HWY PIER N HONOLULU HI	NON GC	
39	RELEASES	391221/UNKNOWN (NRC)	60 NORTH NIMITZ HWY IN HARB HONOLULU HI	NON GC	
40	RELEASES	M/V BLUE SKY 223899/MARINE- RELEASED FRO	OFF OF WAIANAE COAST NEAR K HONOLULU HI	NON GC	
41	RELEASES	PACIFIC RESOURCES INC. 167126/FIXED FACILITY	PIER 32 OFF OF NIMITZ HWY HONOLULU HI	NON GC	
42	RELEASES	PIER 30 NRC-774574/VESSEL	777 NORTH NIMITZ HWY HONOLULU HI	NON GC	
45	RELEASES	UNKNOWN SHEEN INCIDENT NRC-558490/UNKNOWN SHEEN	79 S NIMITZ HWY HONOLULU HA HONOLULU HI	NON GC	
48	TOWERS	VOICESTREAM PCS III CORPORATION 1222202/ASR	515 MAIN STREET, HICKMAN AI HONOLULU HI	NON GC	
49	TOWERS	PHILLIP RAY ANTOINE 1005766/ASR	CENTURY CTR 1750 KALAKAUA A HONOLULU HI	NON GC	



***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**FEDERAL LAND USE**

**SEARCH ID:** 6                                      **DIST/DIR:** 0.00 --                                      **MAP ID:** 6

<b>NAME:</b> NAVY DOD PEARL HARBOR NAVAL STATION	<b>REV:</b> 1/27/05
<b>ADDRESS:</b> HI	<b>ID1:</b> 45978
	<b>ID2:</b>
<b>CONTACT:</b>	<b>STATUS:</b>
	<b>PHONE:</b>

**FEDERAL LAND INFORMATION**

<b>NAME:</b>	PEARL HARBOR NAVAL STATION
<b>FEATURE:</b>	NAVY DOD
<b>ADMINISTERING AGENCY:</b>	DOD
<b>STATE FIPS:</b>	15
<b>AREA:</b>	0.001
<b>PERIMETER:</b>	0.238

**WETLANDS**

**SEARCH ID:** 3                                      **DIST/DIR:** 0.00 --                                      **MAP ID:** 3

<b>NAME:</b> NATIONAL WETLANDS INVENTORY	<b>REV:</b> 2/27/02
<b>ADDRESS:</b> HI	<b>ID1:</b> NWI-HI-1666
	<b>ID2:</b>
<b>CONTACT:</b>	<b>STATUS:</b> E1OWL
	<b>PHONE:</b>

**SITE INFORMATION**

<b>AREA:</b>	12849569.07
<b>PERIMETER:</b>	67262.89
<b>WETC:</b>	6
<b>WETC_ID:</b>	22
<b>ATTRIBUTE:</b>	E1OWL

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**FEDERAL LAND USE**

**SEARCH ID:** 5                                      **DIST/DIR:** 0.04 SE                                      **MAP ID:** 5

<b>NAME:</b> AIR FORCE DOD HICKAM AIR FORCE BASE	<b>REV:</b> 1/27/05
<b>ADDRESS:</b> HI	<b>ID1:</b> 45984
	<b>ID2:</b>
<b>CONTACT:</b>	<b>STATUS:</b>
	<b>PHONE:</b>

**FEDERAL LAND INFORMATION**

<b>NAME:</b>	HICKAM AIR FORCE BASE
<b>FEATURE:</b>	AIR FORCE DOD
<b>ADMINISTERING AGENCY:</b>	DOD
<b>STATE FIPS:</b>	15
<b>AREA:</b>	0.001
<b>PERIMETER:</b>	0.132

**TOWERS**

**SEARCH ID:** 12                                      **DIST/DIR:** 0.04 SE                                      **MAP ID:** 12

<b>NAME:</b> NEXTEL COMMUNICATIONS	<b>REV:</b> 01/04/04
<b>ADDRESS:</b> PEARL HARBOR VI HI	<b>ID1:</b> 00-AWP-3785-OE
	<b>ID2:</b>
<b>CONTACT:</b>	<b>STATUS:</b> ASR-DE
	<b>PHONE:</b>

**ANTENNA STRUCTURE REGISTRATION - FAA DETERMINATION RECORDS**

The Antenna Structure Registration database contains antenna structures that generally are more than 60.96 meters(200 feet) in height or are located near an airport. This record does not appear in the ASR registration records but does appear in the FAA Determination Records for the ASR database. Records in the FAA Determination Database may not have been built.

<b>FAA DATE ISSUED:</b>	1/19/2001
<b>FAA DATE KEYED:</b>	
<b>FAA DATE EXPIRATION:</b>	07/19/2002
<b>DATE ACTION:</b>	1/30/2001
<b>FAA FINAL DATE:</b>	
<b>GROUND ELEVATION:</b>	6.1
<b>OVERALL HEIGHT OF STRUCTURE:</b>	51.8
<b>OVERALL HEIGHT AMSL:</b>	57.9
<b>FAA STUDY NUMBER:</b>	00-AWP-3785-OE
<b>FAA CIRCULAR NUMBER:</b>	

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**WETLANDS**

<b>SEARCH ID:</b> 4	<b>DIST/DIR:</b> 0.39 NE	<b>MAP ID:</b> 4
---------------------	--------------------------	------------------

**NAME:** NATIONAL WETLANDS INVENTORY  
**ADDRESS:** HI

**REV:** 2/27/02  
**ID1:** NWI-HI-1714  
**ID2:**  
**STATUS:** PSS3/EM1C  
**PHONE:**

**CONTACT:**

**SITE INFORMATION**

<b>AREA:</b>	89241.41
<b>PERIMETER:</b>	1286.94
<b>WETC:</b>	54
<b>WETC_ID:</b>	32
<b>ATTRIBUTE:</b>	PSS3/EM1C

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**FEDERAL WELLS SITE**

**SEARCH ID:** 9

**DIST/DIR:** 0.42 NE

**MAP ID:** 9

**NAME:** 3-2156-01 W171 HALAW  
**ADDRESS:** HI  
HONOLULU COUNTY HI  
**CONTACT:**

**REV:** 5/19/03  
**ID1:** FW-HI-1350  
**ID2:** 212127157560501  
**STATUS:** USGS GROUNDWATER INV  
**PHONE:**

**SITE INFORMATION**

**AGENCY:** USGS  
**SITE ID:** 212127157560501  
**SITE NAME:** 3-2156-01 W171 HALAW  
**SITE TYPE :** GROUND-WATER OTHER THAN SPRING  
**COUNTY :** HONOLULU COUNTY HI  
**COUNTRY :** US  
**LAND NET LOCATION DESC:**  
**LOCATION MAP:** 10 PUULOA  
**LOCATION MAP SCALE:** 24000  
**GAGE/LAND SURFACE ALTITUDE:** 25.00  
  
**METHOD ALTITUDE DETERMINED:** M  
**ALTITUDE ACCURACY:** 5  
**ALTITUDE DATUM:** NGVD29  
**HYDROLOGIC UNIT :** OAHU  
**DRAINAGE BASIN :**  
**TOPOGRAPHIC SETTING :**  
**AGENCY USE OF SITE :** INACTIVE OR DISCONTINUED DATA-COLLECTION SITE  
  
**DATE OF FIRST CONSTRUCTION:**  
**DATE SITE ESTABLISHED:**  
**DRAINAGE AREA:**  
**CONTRIBUTING DRAINAGE AREA:**  
**MEAN GREENWICH TIME OFFSET:** HST  
**LOCAL STANDARD TIME FLAG:** N  
**DATA RELIABILITY CODE :** U  
**OTHER GW FILES:** YYNNNNNN  
**TYPE OF GROUNDWATER SITE:** W  
**PRIMARY AQUIFER :**  
**AQUIFER TYPE :**  
**WELL\_DEPTH VA:** 608  
**HOLE DEPTH:**  
**DEPTH DATA SOURCE:**  
**PROJECT NUMBER:**

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**FEDERAL WELLS SITE**

**SEARCH ID:** 8                      **DIST/DIR:** 0.44 SW                      **MAP ID:** 8

<b>NAME:</b> 3-2057-03 W167 AIRPT	<b>REV:</b> 5/19/03
<b>ADDRESS:</b> HI	<b>ID1:</b> FW-HI-1300
HONOLULU COUNTY HI	<b>ID2:</b> 212049157570601
<b>CONTACT:</b>	<b>STATUS:</b> USGS GROUNDWATER INV
	<b>PHONE:</b>

**SITE INFORMATION**

<b>AGENCY:</b>	USGS
<b>SITE ID:</b>	212049157570601
<b>SITE NAME:</b>	3-2057-03 W167 AIRPT
<b>SITE TYPE :</b>	GROUND-WATER OTHER THAN SPRING
<b>COUNTY :</b>	HONOLULU COUNTY HI
<b>COUNTRY :</b>	US
<b>LAND NET LOCATION DESC:</b>	
<b>LOCATION MAP:</b>	10 PUULOA
<b>LOCATION MAP SCALE:</b>	24000
<b>GAGE/LAND SURFACE ALTITUDE:</b>	15.00
<b>METHOD ALTITUDE DETERMINED:</b>	M
<b>ALTITUDE ACCURACY:</b>	2
<b>ALTITUDE DATUM:</b>	NGVD29
<b>HYDROLOGIC UNIT :</b>	OAHU
<b>DRAINAGE BASIN :</b>	
<b>TOPOGRAPHIC SETTING :</b>	
<b>AGENCY USE OF SITE :</b>	INACTIVE OR DISCONTINUED DATA-COLLECTION SITE
<b>DATE OF FIRST CONSTRUCTION:</b>	19020101
<b>DATE SITE ESTABLISHED:</b>	
<b>DRAINAGE AREA:</b>	
<b>CONTRIBUTING DRAINAGE AREA:</b>	
<b>MEAN GREENWICH TIME OFFSET:</b>	HST
<b>LOCAL STANDARD TIME FLAG:</b>	N
<b>DATA RELIABILITY CODE :</b>	U
<b>OTHER GW FILES:</b>	YYNNNNNN
<b>TYPE OF GROUNDWATER SITE:</b>	W
<b>PRIMARY AQUIFER :</b>	
<b>AQUIFER TYPE :</b>	
<b>WELL_DEPTH VA:</b>	1045
<b>HOLE DEPTH:</b>	
<b>DEPTH DATA SOURCE:</b>	
<b>PROJECT NUMBER:</b>	

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**FEDERAL WELLS SITE**

**SEARCH ID:** 7

**DIST/DIR:** 0.47 SW

**MAP ID:** 7

**NAME:** 3-2056-02 W166 AIRPT  
**ADDRESS:** HI  
HONOLULU COUNTY HI  
**CONTACT:**

**REV:** 5/19/03  
**ID1:** FW-HI-1279  
**ID2:** 212043157565801  
**STATUS:** USGS GROUNDWATER INV  
**PHONE:**

**SITE INFORMATION**

**AGENCY:** USGS  
**SITE ID:** 212043157565801  
**SITE NAME:** 3-2056-02 W166 AIRPT  
**SITE TYPE :** GROUND-WATER OTHER THAN SPRING  
**COUNTY :** HONOLULU COUNTY HI  
**COUNTRY :** US  
**LAND NET LOCATION DESC:**  
**LOCATION MAP:** 10 PUULOA  
**LOCATION MAP SCALE:** 24000  
**GAGE/LAND SURFACE ALTITUDE:** 951.00  
  
**METHOD ALTITUDE DETERMINED:** M  
**ALTITUDE ACCURACY:** 20  
**ALTITUDE DATUM:** NGVD29  
**HYDROLOGIC UNIT :** OAHU  
**DRAINAGE BASIN :**  
**TOPOGRAPHIC SETTING :**  
**AGENCY USE OF SITE :** INACTIVE OR DISCONTINUED DATA-COLLECTION SITE  
  
**DATE OF FIRST CONSTRUCTION:**  
**DATE SITE ESTABLISHED:**  
**DRAINAGE AREA:**  
**CONTRIBUTING DRAINAGE AREA:**  
**MEAN GREENWICH TIME OFFSET:** HST  
**LOCAL STANDARD TIME FLAG:** N  
**DATA RELIABILITY CODE :** U  
**OTHER GW FILES:** YYNNNNNN  
**TYPE OF GROUNDWATER SITE:** W  
**PRIMARY AQUIFER :**  
**AQUIFER TYPE :**  
**WELL\_DEPTH VA:** 951  
**HOLE DEPTH:**  
**DEPTH DATA SOURCE:**  
**PROJECT NUMBER:**

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**LEAKING UNDERGROUND STORAGE TANKS**

<b>SEARCH ID:</b> 2	<b>DIST/DIR:</b> 0.48 SW	<b>MAP ID:</b> 2
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<b>NAME:</b> HICKAM AIR FORCE BASE <b>ADDRESS:</b> BLDG 358. 203 17TH ST HICKAM AIR FORCE BAS HI 96853	<b>REV:</b> 02/11/05 <b>ID1:</b> 9-102568 <b>ID2:</b> <b>STATUS:</b> <b>PHONE:</b>
--	--

<b>Event ID Number:</b>	920101
<b>Facility ID Number:</b>	9-102568
<b>Status Date:</b>	5/2/2000
<b>Status:</b>	Case Transferred to HEER
<b>Project Officer</b>	HEER

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**FEDERAL WELLS SITE**

**SEARCH ID:** 10                      **DIST/DIR:** 0.49 NE                      **MAP ID:** 10

<b>NAME:</b> 3-2156-02 W172 HALAW	<b>REV:</b> 5/19/03
<b>ADDRESS:</b> HI	<b>ID1:</b> FW-HI-1351
HONOLULU COUNTY HI	<b>ID2:</b> 212130157560201
<b>CONTACT:</b>	<b>STATUS:</b> USGS GROUNDWATER INV
	<b>PHONE:</b>

**SITE INFORMATION**

<b>AGENCY:</b>	USGS
<b>SITE ID:</b>	212130157560201
<b>SITE NAME:</b>	3-2156-02 W172 HALAW
<b>SITE TYPE :</b>	GROUND-WATER OTHER THAN SPRING
<b>COUNTY :</b>	HONOLULU COUNTY HI
<b>COUNTRY :</b>	US
<b>LAND NET LOCATION DESC:</b>	
<b>LOCATION MAP:</b>	10 PUULOA
<b>LOCATION MAP SCALE:</b>	24000
<b>GAGE/LAND SURFACE ALTITUDE:</b>	33.00
<b>METHOD ALTITUDE DETERMINED:</b>	M
<b>ALTITUDE ACCURACY:</b>	5
<b>ALTITUDE DATUM:</b>	NGVD29
<b>HYDROLOGIC UNIT :</b>	OAHU
<b>DRAINAGE BASIN :</b>	
<b>TOPOGRAPHIC SETTING :</b>	
<b>AGENCY USE OF SITE :</b>	INACTIVE OR DISCONTINUED DATA-COLLECTION SITE
<b>DATE OF FIRST CONSTRUCTION:</b>	
<b>DATE SITE ESTABLISHED:</b>	
<b>DRAINAGE AREA:</b>	
<b>CONTRIBUTING DRAINAGE AREA:</b>	
<b>MEAN GREENWICH TIME OFFSET:</b>	HST
<b>LOCAL STANDARD TIME FLAG:</b>	N
<b>DATA RELIABILITY CODE :</b>	U
<b>OTHER GW FILES:</b>	YYNNNNNN
<b>TYPE OF GROUNDWATER SITE:</b>	W
<b>PRIMARY AQUIFER :</b>	
<b>AQUIFER TYPE :</b>	
<b>WELL_DEPTH VA:</b>	730
<b>HOLE DEPTH:</b>	
<b>DEPTH DATA SOURCE:</b>	
<b>PROJECT NUMBER:</b>	



***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**FEDERAL WELLS SITE**

**SEARCH ID:** 11

**DIST/DIR:** 0.49 NW

**MAP ID:** 11

**NAME:** 3-2157-01 W169 PEARL  
**ADDRESS:** HI  
HONOLULU COUNTY HI  
**CONTACT:**

**REV:** 5/19/03  
**ID1:** FW-HI-1334  
**ID2:** 212117157571901  
**STATUS:** USGS GROUNDWATER INV  
**PHONE:**

**SITE INFORMATION**

**AGENCY:** USGS  
**SITE ID:** 212117157571901  
**SITE NAME:** 3-2157-01 W169 PEARL  
**SITE TYPE :** GROUND-WATER OTHER THAN SPRING  
**COUNTY :** HONOLULU COUNTY HI  
**COUNTRY :** US  
**LAND NET LOCATION DESC:**  
**LOCATION MAP:** 10 PUULOA  
**LOCATION MAP SCALE:** 24000  
**GAGE/LAND SURFACE ALTITUDE:** 19.00  
  
**METHOD ALTITUDE DETERMINED:** M  
**ALTITUDE ACCURACY:** 2  
**ALTITUDE DATUM:** NGVD29  
**HYDROLOGIC UNIT :** OAHU  
**DRAINAGE BASIN :**  
**TOPOGRAPHIC SETTING :**  
**AGENCY USE OF SITE :** INACTIVE OR DISCONTINUED DATA-COLLECTION SITE  
  
**DATE OF FIRST CONSTRUCTION:**  
**DATE SITE ESTABLISHED:**  
**DRAINAGE AREA:**  
**CONTRIBUTING DRAINAGE AREA:**  
**MEAN GREENWICH TIME OFFSET:** HST  
**LOCAL STANDARD TIME FLAG:** N  
**DATA RELIABILITY CODE :** U  
**OTHER GW FILES:** YYNNNNNN  
**TYPE OF GROUNDWATER SITE:** W  
**PRIMARY AQUIFER :**  
**AQUIFER TYPE :**  
**WELL\_DEPTH VA:** 683  
**HOLE DEPTH:**  
**DEPTH DATA SOURCE:**  
**PROJECT NUMBER:**

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**RCRA COR SITE**

**SEARCH ID:** 1                      **DIST/DIR:** 0.66 NW                      **MAP ID:** 1

<b>NAME:</b> PEARL HARBOR SHIPYARD AND MAINT FAC	<b>REV:</b> 4/16/06
<b>ADDRESS:</b> PEARL HARBOR NAVAL BASE	<b>ID1:</b> HI6170024339
PEARL HARBOR HI 96860	<b>ID2:</b>
	<b>STATUS:</b> CA
<b>CONTACT:</b> (b) (6)	<b>PHONE:</b> 808-473-8000 4459

**SITE INFORMATION**

**CONTACT INFORMATION:** (b) (6)  
O S H AND ENV D  
667 SAFEGUARD ST  
PEARL HARBOR HI 968605033

**PHONE:** 8084740230

**UNIVERSE NAME:**

TSDS SUBJECT TO CORRECTIVE ACT  
SUBJECT TO CORRECTIVE ACTION  
SUBJECT TO CEI  
ST: STORAGE AND TREATMENT  
DF: LAND DISPOSAL FACILITY  
INCINERATOR

**SIC INFORMATION:**

9711 - PUBLIC ADMIN. - NATIONAL SECURITY  
3731 - MANUFACTURING - SHIP BUILDING AND REPAIRING  
3731 - MANUFACTURING - SHIP BUILDING AND REPAIRING  
3731 - MANUFACTURING - SHIP BUILDING AND REPAIRING  
9711 - PUBLIC ADMIN. - NATIONAL SECURITY  
9711 - PUBLIC ADMIN. - NATIONAL SECURITY

**ENFORCEMENT INFORMATION:**

<b>AGENCY:</b>	E - EPA	<b>DATE:</b>	16-MAY-88
<b>TYPE:</b>	120 - WRITTEN INFORMAL		
<b>AGENCY:</b>	E - EPA	<b>DATE:</b>	16-DEC-85
<b>TYPE:</b>	120 - WRITTEN INFORMAL		
<b>AGENCY:</b>	S - STATE	<b>DATE:</b>	23-APR-96
<b>TYPE:</b>	310 - FINAL 3008(A) COMPLIANCE ORDER		
<b>AGENCY:</b>	E - EPA	<b>DATE:</b>	06-OCT-95
<b>TYPE:</b>	610 - FINAL CONSENT DECREES		
<b>AGENCY:</b>	S - STATE	<b>DATE:</b>	28-MAY-93
<b>TYPE:</b>	120 - WRITTEN INFORMAL		
<b>AGENCY:</b>	S - STATE	<b>DATE:</b>	18-SEP-90
<b>TYPE:</b>	120 - WRITTEN INFORMAL		
<b>AGENCY:</b>	S - STATE	<b>DATE:</b>	30-JUL-90
<b>TYPE:</b>	120 - WRITTEN INFORMAL		

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**Environmental FirstSearch**  
**Site Detail Report**

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

RCRA COR SITE

**SEARCH ID:** 1                      **DIST/DIR:** 0.66 NW                      **MAP ID:** 1

<b>NAME:</b> PEARL HARBOR SHIPYARD AND MAINT FAC	<b>REV:</b> 4/16/06
<b>ADDRESS:</b> PEARL HARBOR NAVAL BASE	<b>ID1:</b> HI6170024339
PEARL HARBOR HI 96860	<b>ID2:</b>
	<b>STATUS:</b> CA
<b>CONTACT:</b> (b) (6)	<b>PHONE:</b> 808-473-8000 4459

<b>AGENCY:</b>	E - EPA	<b>DATE:</b>	15-JUN-89
<b>TYPE:</b>	120 - WRITTEN INFORMAL		

<b>AGENCY:</b>	E - EPA	<b>DATE:</b>	16-MAY-88
<b>TYPE:</b>	230 - INITIAL MONITORING, ANALYSIS, TEST ORDER		

<b>AGENCY:</b>	E - EPA	<b>DATE:</b>	14-DEC-89
<b>TYPE:</b>	120 - WRITTEN INFORMAL		

**VIOLATION INFORMATION:**

<b>VIOLATION NUMBER:</b>	0001	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	27-MAR-86	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	270	<b>RESOLVED:</b>	09-JUN-86
<b>TYPE:</b>	DOT - TSD OTHER REQUIREMENTS (OVERSIGHT LEVEL)		

<b>VIOLATION NUMBER:</b>	0001	<b>RESPONSIBLE:</b>	E - EPA
<b>DETERMINED:</b>	19-FEB-85	<b>DETERMINED BY:</b>	E - EPA
<b>CITATION:</b>	270	<b>RESOLVED:</b>	19-JAN-86
<b>TYPE:</b>	DOT - TSD OTHER REQUIREMENTS (OVERSIGHT LEVEL)		

<b>VIOLATION NUMBER:</b>	0002	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	21-AUG-86	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	270	<b>RESOLVED:</b>	10-SEP-87
<b>TYPE:</b>	DOT - TSD OTHER REQUIREMENTS (OVERSIGHT LEVEL)		

<b>VIOLATION NUMBER:</b>	0002	<b>RESPONSIBLE:</b>	E - EPA
<b>DETERMINED:</b>	09-JUN-86	<b>DETERMINED BY:</b>	E - EPA
<b>CITATION:</b>	270	<b>RESOLVED:</b>	21-AUG-86
<b>TYPE:</b>	DOT - TSD OTHER REQUIREMENTS (OVERSIGHT LEVEL)		

<b>VIOLATION NUMBER:</b>	0003	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	03-MAY-90	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	270	<b>RESOLVED:</b>	30-SEP-91
<b>TYPE:</b>	DOT - TSD OTHER REQUIREMENTS (OVERSIGHT LEVEL)		

<b>VIOLATION NUMBER:</b>	0004	<b>RESPONSIBLE:</b>	E - EPA
<b>DETERMINED:</b>	20-JUN-88	<b>DETERMINED BY:</b>	E - EPA
<b>CITATION:</b>	270	<b>RESOLVED:</b>	10-APR-89
<b>TYPE:</b>	DOT - TSD OTHER REQUIREMENTS (OVERSIGHT LEVEL)		

<b>VIOLATION NUMBER:</b>	0004	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	28-MAY-93	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	264.50-56.D	<b>RESOLVED:</b>	30-JUN-93
<b>TYPE:</b>	DOT - TSD OTHER REQUIREMENTS (OVERSIGHT LEVEL)		

<b>VIOLATION NUMBER:</b>	0005	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	28-MAY-93	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	264.170-177.I	<b>RESOLVED:</b>	30-JUN-93
<b>TYPE:</b>	DOT - TSD OTHER REQUIREMENTS (OVERSIGHT LEVEL)		

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***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**RCRA COR SITE**

**SEARCH ID:** 1                      **DIST/DIR:** 0.66 NW                      **MAP ID:** 1

**NAME:** PEARL HARBOR SHIPYARD AND MAINT FAC  
**ADDRESS:** PEARL HARBOR NAVAL BASE  
PEARL HARBOR HI 96860

**REV:** 4/16/06  
**ID1:** HI6170024339  
**ID2:**  
**STATUS:** CA  
**PHONE:** 808-473-8000 4459

**CONTACT:** (b) (6)

<b>VIOLATION NUMBER:</b>	0005	<b>RESPONSIBLE:</b>	E - EPA
<b>DETERMINED:</b>	10-APR-89	<b>DETERMINED BY:</b>	E - EPA
<b>CITATION:</b>	270	<b>RESOLVED:</b>	19-JAN-90
<b>TYPE:</b>	DOT - TSD OTHER REQUIREMENTS (OVERSIGHT LEVEL)		

<b>VIOLATION NUMBER:</b>	0006	<b>RESPONSIBLE:</b>	E - EPA
<b>DETERMINED:</b>	06-OCT-95	<b>DETERMINED BY:</b>	E - EPA
<b>CITATION:</b>	268.7	<b>RESOLVED:</b>	06-OCT-00
<b>TYPE:</b>	GLB - GENERATOR LAND BAN REQUIREMENTS		

<b>VIOLATION NUMBER:</b>	0006	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	28-MAY-93	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	264.10-18.B	<b>RESOLVED:</b>	30-JUN-93
<b>TYPE:</b>	DOT - TSD OTHER REQUIREMENTS (OVERSIGHT LEVEL)		

<b>VIOLATION NUMBER:</b>	0007	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	25-JUL-95	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	270	<b>RESOLVED:</b>	25-JUL-95
<b>TYPE:</b>	DOT - TSD OTHER REQUIREMENTS (OVERSIGHT LEVEL)		

<b>VIOLATION NUMBER:</b>	0008	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	25-JUL-95	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	262.20-23.B	<b>RESOLVED:</b>	25-JUL-95
<b>TYPE:</b>	GER - GENERATOR ALL REQUIREMENTS		

<b>VIOLATION NUMBER:</b>	0009	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	25-JUL-95	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	262.30-34.C	<b>RESOLVED:</b>	25-JUL-95
<b>TYPE:</b>	GER - GENERATOR ALL REQUIREMENTS		

# Environmental FirstSearch Site Detail Report

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

## CERCLIS SITE

**SEARCH ID:** 13 **DIST/DIR:** NON GC **MAP ID:**

**NAME:** ALOHA TOWER DEVELOPMENT  
**ADDRESS:** PIERS 8-14, NIMITZ HWY.  
HONOLULU, OAHU HI 96818  
**CONTACT:** (b) (6)

**REV:** 3/8/06  
**ID1:** HID984466706  
**ID2:** 0903921  
**STATUS:** NOT PROPOSED  
**PHONE:** 4159723093

**DESCRIPTION:**

ACTION/QUALITY	AGENCY/RPS	START/RAA	END
DISCOVERY	State, Fund Financed		06-06-1991

## CERCLIS SITE

**SEARCH ID:** 14 **DIST/DIR:** NON GC **MAP ID:**

**NAME:** USN FLEET TRAINING GROUP  
**ADDRESS:** 1430 SOUTH AVE  
PEARL HARBOR HI 96860  
**CONTACT:** (b) (6)

**REV:** 3/8/06  
**ID1:** HI4170090035  
**ID2:** 0903433  
**STATUS:** PART OF NPL  
**PHONE:** 4159723160

**DESCRIPTION:**

Site un-archived (Archive Ind un-checked) per Philip Armstrong 5-14-03.

ACTION/QUALITY	AGENCY/RPS	START/RAA	END
ARCHIVE SITE	EPA In-House		01-07-1992
DISCOVERY	Federal Facilities		05-01-1988
PRELIMINARY ASSESSMENT Addressed as part of an existing NPL site	Federal Facilities		01-07-1992

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**EMERGENCY RESPONSE NOTIFICATION SITE**

**SEARCH ID:** 18

**DIST/DIR:** NON GC

**MAP ID:**

**NAME:**

**ADDRESS:** AVE A AND 6TH STREET NEAR BLDG #92  
PEARL HARBOR HI 96860

**REV:** 4/26/96

**ID1:** 489433

**ID2:**

**STATUS:** UNKNOWN (NRC)

**CONTACT:**

**PHONE:**

**SPILL INFORMATION**

**DATE OF SPILL:** 4/26/1996 **TIME OF SPILL:** 1500

**PRODUCT RELEASED (1):** MERCURY

**QUANTITY (1):** 4

**UNITS (1):** LBS

**PRODUCT RELEASED (2):**

**QUANTITY (2):**

**UNITS (2):**

**PRODUCT RELEASED (3):**

**QUANTITY (3):**

**UNITS (3):**

**MEDIUM/MEDIA AFFECTED**

**AIR:** NO

**LAND:** YES

**WATER:** NO

**WATERBODY AFFECTED BY RELEASE:**

**GROUNDWATER:** NO

**FIXED FACILITY:** NO

**OTHER:** NO

ASPHALT

**CAUSE OF RELEASE**

**DUMPING:** NO

**NATURAL PHENOMENON:** NO

**OTHER CAUSE:** NO

**UNKNOWN:** NO

**EQUIPMENT FAILURE:** NO

**OPERATOR ERROR:** NO

**TRANSP. ACCIDENT:** NO

**ACTIONS TAKEN:** FOUND ON ASPHALT. AREA ROPED OFF AND MATERIAL VACUUMED UP.

**RELEASE DETECTION:** UNKNOWN / FOUND SPILL ALONGSIDE ROAD

**MISC. NOTES:** CLEANUP IS STILL IN PROGRESS, CONSIDERING TAKING UP ASPHALT. WILL NOTIFY:STATE DEPT OF HEALTH

**DISCHARGER INFORMATION**

**DISCHARGER ID:** 489433

**TYPE OF DISCHARGER:**

**NAME OF DISCHARGER:**

**ADDRESS:**

**DUN & BRADSTREET #:**

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**EMERGENCY RESPONSE NOTIFICATION SITE**

**SEARCH ID:** 17

**DIST/DIR:** NON GC

**MAP ID:**

**NAME:** AIRCO  
**ADDRESS:** AIRCO 2305 KAMEHAMEHA HWY  
HONOLULU HI

**REV:** 12/18/90 0  
**ID1:** 200825  
**ID2:**  
**STATUS:** FIXED FACILITY  
**PHONE:**

**CONTACT:**

**SPILL INFORMATION**

**DATE OF SPILL:** 12/18/1990      **TIME OF SPILL:** 0000

**PRODUCT RELEASED (1):** AMMONIA, anhydrous  
**QUANTITY (1):** 0  
**UNITS (1):** UNK

**PRODUCT RELEASED (2):**  
**QUANTITY (2):**  
**UNITS (2):**

**PRODUCT RELEASED (3):**  
**QUANTITY (3):**  
**UNITS (3):**

**MEDIUM/MEDIA AFFECTED**

<b>AIR:</b>	NO	<b>GROUNDWATER:</b>	NO
<b>LAND:</b>	NO	<b>FIXED FACILITY:</b>	NO
<b>WATER:</b>	NO	<b>OTHER:</b>	YES
<b>WATERBODY AFFECTED BY RELEASE:</b>		UNKNOWN IF ANY MATERIAL HAS BEEN RELEASE	

**CAUSE OF RELEASE**

<b>DUMPING:</b>	NO	<b>EQUIPMENT FAILURE:</b>	NO
<b>NATURAL PHENOMENON:</b>	NO	<b>OPERATOR ERROR:</b>	NO
<b>OTHER CAUSE:</b>	NO	<b>TRANSP. ACCIDENT:</b>	NO
<b>UNKNOWN:</b>	NO		

**ACTIONS TAKEN:** DOING AN INVENTORY TO DETERMINE HOW MANY CYLINDERS ARE MISSING. COMPANY PERSONNEL ARE SEARCHING FOR MISSING CYLINDERS.

**RELEASE DETECTION:** SEVERAL 100 & 150 LBS EMPTY STORAGE CYLINDERS WERE WASHED AWAY TO THE OCEAN BY STORMWATER.

**MISC. NOTES:**

**DISCHARGER INFORMATION**

<b>DISCHARGER ID:</b>	200825	<b>DUN &amp; BRADSTREET #:</b>	
<b>TYPE OF DISCHARGER:</b>	PRIVATE ENTERPRISE		
<b>NAME OF DISCHARGER:</b>	AIRCO		
<b>ADDRESS:</b>	PO BOX 30707 2305 KAMEHAMEHA HWY HONOLULU HI 96820		

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**FINDS SITE**

**SEARCH ID:** 21                      **DIST/DIR:** NON GC                      **MAP ID:**

**NAME:** PEARL CITY LDFL                      **REV:**  
**ADDRESS:** WAIPUNA AVE                      **ID1:** HID980585178  
PEARL CITY HI 96860                      **ID2:**  
**CONTACT:**                      **STATUS:**  
                      **PHONE:**

DETAILS NOT AVAILABLE

**FINDS SITE**

**SEARCH ID:** 19                      **DIST/DIR:** NON GC                      **MAP ID:**

**NAME:** ALOHA TOWER DEVELOPMENT                      **REV:**  
**ADDRESS:** PIERS 8 14 NIMITZ HWY                      **ID1:** HID984466706  
HONOLULU HI 96818                      **ID2:**  
**CONTACT:**                      **STATUS:**  
                      **PHONE:**

DETAILS NOT AVAILABLE

**FINDS SITE**

**SEARCH ID:** 20                      **DIST/DIR:** NON GC                      **MAP ID:**

**NAME:** INTEGRATED MEDIA INC                      **REV:**  
**ADDRESS:** 2908 KAMEHAMEHA HWY STE 101                      **ID1:** HI0000900670  
HONOLULU HI 96818                      **ID2:**  
**CONTACT:**                      **STATUS:**  
                      **PHONE:**

DETAILS NOT AVAILABLE



***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**HISTORIC/LANDMARK SITE**

**SEARCH ID:** 26

**DIST/DIR:** NON GC

**MAP ID:**

**NAME:** BATTERY JACKSON  
**ADDRESS:** FT. KAMEHAMEHA  
HONOLULU HI

**REV:** 11/15/05  
**ID1:** 84000954  
**ID2:**  
**STATUS:** STRUCTURE  
**PHONE:**

**CONTACT:**

**SITE INFORMATION:**

**CERTIFICATION:** LISTED IN THE NATIONAL REGISTER  
**DATE OF PRIMARY CERTIFICATION:** 1984-06-05  
**SIZE OF PROPERTY IN ACRES:** 6

**NUMBER OF CONTRIBUTING BUILDINGS:** 000000  
**NUMBER OF CONTRIBUTING SITES:** 000000  
**NUMBER OF CONTRIBUTING STRUCTURES:** 000001  
**NUMBER OF CONTRIBUTING OBJECTS:** 000000  
**NUMBER OF NON-CONTRIBUTING BUILDINGS:** 000000  
**NUMBER OF NON-CONTRIBUTING SITES:** 000000  
**NUMBER OF NON-CONTRIBUTING STRUCTURES:** 000000  
**NUMBER OF NON-CONTRIBUTING OBJECTS:** 000000

**OWNER TYPE:** FEDERAL

**CURRENT FUNCTION:** VACANT/NOT IN USE

**HISTORIC FUNCTION:** FORTIFICATION

**LEVEL OF SIGNIFICANCE:** STATE

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**HISTORIC/LANDMARK SITE**

**SEARCH ID:** 27

**DIST/DIR:** NON GC

**MAP ID:**

**NAME:** BATTERY SELFRIDGE  
**ADDRESS:** FT. KAMEHAMEHA  
HONOLULU HI

**REV:** 11/15/05  
**ID1:** 84000975  
**ID2:**  
**STATUS:** BUILDING  
**PHONE:**

**CONTACT:**

**SITE INFORMATION:**

**CERTIFICATION:** LISTED IN THE NATIONAL REGISTER  
**DATE OF PRIMARY CERTIFICATION:** 1984-06-05  
**SIZE OF PROPERTY IN ACRES:** 16

**NUMBER OF CONTRIBUTING BUILDINGS:** 000001  
**NUMBER OF CONTRIBUTING SITES:** 000000  
**NUMBER OF CONTRIBUTING STRUCTURES:** 000000  
**NUMBER OF CONTRIBUTING OBJECTS:** 000000  
**NUMBER OF NON-CONTRIBUTING BUILDINGS:** 000000  
**NUMBER OF NON-CONTRIBUTING SITES:** 000000  
**NUMBER OF NON-CONTRIBUTING STRUCTURES:** 000000  
**NUMBER OF NON-CONTRIBUTING OBJECTS:** 000000

**OWNER TYPE:** FEDERAL

**CURRENT FUNCTION:** DEFENSE

**HISTORIC FUNCTION:** FORTIFICATION

**LEVEL OF SIGNIFICANCE:** STATE

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**HISTORIC/LANDMARK SITE**

**SEARCH ID:** 25

**DIST/DIR:** NON GC

**MAP ID:**

**NAME:** BATTERY HAWKINS ANNEX  
**ADDRESS:** FT. KAMEHAMEHA  
HONOLULU HI

**REV:** 11/15/05  
**ID1:** 84000948  
**ID2:**  
**STATUS:** STRUCTURE  
**PHONE:**

**CONTACT:**

**SITE INFORMATION:**

**CERTIFICATION:** LISTED IN THE NATIONAL REGISTER  
**DATE OF PRIMARY CERTIFICATION:** 1984-06-05  
**SIZE OF PROPERTY IN ACRES:** 1

**NUMBER OF CONTRIBUTING BUILDINGS:** 000000  
**NUMBER OF CONTRIBUTING SITES:** 000000  
**NUMBER OF CONTRIBUTING STRUCTURES:** 000001  
**NUMBER OF CONTRIBUTING OBJECTS:** 000000  
**NUMBER OF NON-CONTRIBUTING BUILDINGS:** 000000  
**NUMBER OF NON-CONTRIBUTING SITES:** 000000  
**NUMBER OF NON-CONTRIBUTING STRUCTURES:** 000000  
**NUMBER OF NON-CONTRIBUTING OBJECTS:** 000000

**OWNER TYPE:** FEDERAL

**CURRENT FUNCTION:** VACANT/NOT IN USE

**HISTORIC FUNCTION:** FORTIFICATION

**LEVEL OF SIGNIFICANCE:** STATE

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**HISTORIC/LANDMARK SITE**

**SEARCH ID:** 24

**DIST/DIR:** NON GC

**MAP ID:**

**NAME:** BATTERY HASEBROUCK  
**ADDRESS:** FT. KAMEHAMEHA  
HONOLULU HI

**REV:** 11/15/05  
**ID1:** 84000925  
**ID2:**  
**STATUS:** BUILDING  
**PHONE:**

**CONTACT:**

**SITE INFORMATION:**

**CERTIFICATION:** LISTED IN THE NATIONAL REGISTER  
**DATE OF PRIMARY CERTIFICATION:** 1984-06-05  
**SIZE OF PROPERTY IN ACRES:** 22

**NUMBER OF CONTRIBUTING BUILDINGS:** 000001  
**NUMBER OF CONTRIBUTING SITES:** 000000  
**NUMBER OF CONTRIBUTING STRUCTURES:** 000000  
**NUMBER OF CONTRIBUTING OBJECTS:** 000000  
**NUMBER OF NON-CONTRIBUTING BUILDINGS:** 000000  
**NUMBER OF NON-CONTRIBUTING SITES:** 000000  
**NUMBER OF NON-CONTRIBUTING STRUCTURES:** 000000  
**NUMBER OF NON-CONTRIBUTING OBJECTS:** 000000

**OWNER TYPE:** FEDERAL

**CURRENT FUNCTION:** VACANT/NOT IN USE

**HISTORIC FUNCTION:** FORTIFICATION

**LEVEL OF SIGNIFICANCE:** STATE

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**HISTORIC/LANDMARK SITE**

**SEARCH ID:** 28

**DIST/DIR:** NON GC

**MAP ID:**

**NAME:** WAR MEMORIAL NATATORIUM  
**ADDRESS:** KALAKAUA AVE.  
HONOLULU HI

**REV:** 11/15/05  
**ID1:** 80001283  
**ID2:**  
**STATUS:** STRUCTURE  
**PHONE:**

**CONTACT:**

**SITE INFORMATION:**

**CERTIFICATION:** LISTED IN THE NATIONAL REGISTER  
**DATE OF PRIMARY CERTIFICATION:** 1980-08-11  
**SIZE OF PROPERTY IN ACRES:** 53

**NUMBER OF CONTRIBUTING BUILDINGS:** 000000  
**NUMBER OF CONTRIBUTING SITES:** 000000  
**NUMBER OF CONTRIBUTING STRUCTURES:** 000001  
**NUMBER OF CONTRIBUTING OBJECTS:** 000000  
**NUMBER OF NON-CONTRIBUTING BUILDINGS:** 000000  
**NUMBER OF NON-CONTRIBUTING SITES:** 000000  
**NUMBER OF NON-CONTRIBUTING STRUCTURES:** 000000  
**NUMBER OF NON-CONTRIBUTINGOBJECTS:** 000000

**OWNER TYPE:** STATE

**CURRENT FUNCTION:** RECREATION AND CULTURE

**HISTORIC FUNCTION:** SPORT FACILITY

**LEVEL OF SIGNIFICANCE:** STATE

# Environmental FirstSearch

## Site Detail Report

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

### HMIRS

**SEARCH ID:** 37      **DIST/DIR:** NON GC      **MAP ID:**

**NAME:** BREWER ENVIRONMENTAL IND      **REV:** 3/15/05  
**ADDRESS:** NIMITZ HWY      **ID1:** 1995061150  
HONOLULU HI      **ID2:**  
**CONTACT:**      **STATUS:** WATER  
      **PHONE:**

#### SITE INFORMATION

**TOTAL NUMBER OF HAZARDOUS MATERIALS:** 1

**MULTIPLE CODE:** A  
**MODE OF TRANSPORT:** 7 - W: WATER  
**OTHER MODE:**

**INCIDENT DATE:** 6/16/1995      **INCIDENT TIME:** 10:00  
**CARRIER RPT NUMBER:**      **ORIG SAME AS SHIP:** YES  
**DEST SAME AS CONS:** YES

**INCIDENT:** NIMITZ HWY      **CARRIER:** **ID:** 34876  
HONOLULU HI      BREWER ENVIRONMENTAL IND  
OAHU      311 PACIFIC ST  
      HONOLULU HI 96817

**SHIPPER:** **ID:** 34876      **CONSIGNEE:** **ID:** 34876  
BREWER ENVIRONMENTAL IND      BREWER ENVIRONMENTAL IND  
CAMPBELL INDUSTRIAL PARK      KAHULUI  
UNKNOWN XX      MAUI HI

**ORIGIN:** CAMPBELL INDUSTRIAL PARK      **DESTINATION:** KAHULUI  
UNKNOWN XX      MAUI HI

#### COMMODITY INFORMATION

**MULTIPLE CODE:** A      **SHIPPING PAPER:** YB BL#9659993-2  
**HAZ SUBSTANCE:** YES      **UN NUMBER:** UN1830  
**RQ MET:** NO      **QUAN REL CODE:** 0  
**QUANTITY RELEASED:** 0.05 GAL      **COMMODITY CODE:** 09930

**COMMODITY SHIP NAME:** SULFURIC ACID  
**COMMODITY TRADE NAME:** SULFURIC ACID  
**COMMODITY CLASS:** 80 - CORROS: CORROSIVE MATERIAL

#### OTHER MATERIAL INFORMATION

**DEATHS:** 0      **MAJOR INJURIES:** 0  
**MINOR INJURIES:** 0      **NUMBER EVACUATED:** 0  
**PRODUCT LOSS:** 5      **PROD LOSS CODE:** 0  
**CARRIER DAMAGE:** 0      **CARRIER DAM CODE:** 0  
**PUB PRI DAMAGE:** 0      **PUB PRI DAM CODE:** 0  
**DECON DAMAGE:** 0      **DECON DAM CODE:** 0  
**OTHER DAMAGE:** 0      **OTHER DAM CODE:** 0  
**REPORT DAMAGE:** 5      **REPORT DAM CODE:** 0  
**INCIDENT DAMAGE:** 0      **DAMAGE CODE:**

**RESULT VAPOR:** NO      **RESULT SEWER:** - Continued on next page -

# Environmental FirstSearch

## Site Detail Report

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

### HMIRS

**SEARCH ID:** 37      **DIST/DIR:** NON GC      **MAP ID:**

**NAME:** BREWER ENVIRONMENTAL IND      **REV:** 3/15/05  
**ADDRESS:** NIMITZ HWY      **ID1:** 1995061150  
HONOLULU HI      **ID2:**  
**CONTACT:**      **STATUS:** WATER  
      **PHONE:**

<b>RESULT SPILL:</b>	YES	<b>RESULT FIRE:</b>	NO
<b>RESULT EXPLOSION:</b>	NO	<b>RESULT ENVIRONMENT:</b>	NO
<b>RESULT NONE:</b>	NO	<b>RESULT OTHER:</b>	NO
<b>RESULT OTHER DESC:</b>		<b>VEHICLE CARGO:</b>	YES
<b>VEHICLE VAN:</b>	NO	<b>VEHICLE FLAT:</b>	NO
<b>VEHICLE TANK CAR:</b>	NO	<b>VEHICLE RAIL CAR:</b>	NO
<b>VEHICLE TOFC:</b>	0	<b>VEHICLE AIRCRAFT:</b>	NO
<b>VEHICLE BARGE:</b>	NO	<b>VEHICLE SHIP:</b>	NO
<b>VEHICLE OTHER:</b>	NO	<b>VEHICLE OTHER DESC:</b>	

<b>TRANSPORT PHASE:</b>	264	<b>LAND USE:</b>	272
<b>COMMUNITY TYPE:</b>	281	<b>ACCIDENT OR DERAILED:</b>	NO
<b>ESTIMATED SPEED:</b>		<b>HIGHWAY TYPE:</b>	
<b>HIGHWAY LANES:</b>		<b>GENERAL CAUSE:</b>	20
<b>MISC INFO 1:</b>	100	<b>MISC INFO 2:</b>	100
<b>ATTACHMENTS:</b>	NO	<b>RECOMMENDATIONS:</b>	NO

**REPORTER NAME:** (b) (6)  
**REPORTER TITLE:** DIR OF OPERATIONS  
**REPORTER PHONE:** 8085327425  
**REPORT DATE:** 7/11/1995

#### CONTAINER INFORMATION

**MULTIPLE CODE:** A  
**CONTAINER TYPE:** TANK PRT - TANK: PORTABLE TANK

**MANUFACTURER:** **ID:** 27880  
POLY-CAL PLASTICS  
FRENCH CAMP CA

<b>CONTAINER CAPACITY:</b>	330 GAL	<b>CONTAINER CAP CODE:</b>	0
<b>NUMBER FAILED:</b>	1	<b>NUMBER FAILED CODE:</b>	0
<b>NUMBER IN SHIPMENT:</b>	1	<b>NUMBER IN SHIP CODE:</b>	1
<b>GAUGE OF CONTAINER:</b>		<b>TANK SERIAL NUMBER:</b>	J31286
<b>LABEL OR PLACARD:</b>	CORROS	<b>REGISTRATION NUMBER:</b>	
<b>INSPECTION DATE:</b>		<b>EXEMPTION NUMBER:</b>	E8839

<b>VEHICLE COLLISION:</b>	NO	<b>VEHICLE OVERTURN:</b>	NO
<b>OVERLOAD OR OVERFILL:</b>	NO	<b>LOOSE FITTING:</b>	YES
<b>DEFECTIVE FITTING:</b>	NO	<b>DROPPED:</b>	NO
<b>STRUCK OR RAMMED:</b>	NO	<b>IMPROPER LOADING:</b>	NO
<b>IMPROPER BLOCKING:</b>	NO	<b>CORROSION:</b>	NO
<b>METAL FATIGUE:</b>	NO	<b>FRICTION OR RUBBING:</b>	NO
<b>FIRE OR HEAT:</b>	NO	<b>FREEZING:</b>	NO
<b>VENTING:</b>	NO	<b>VANDALISM:</b>	NO

<b>RUPTURED:</b>	NO	<b>HOW FAILED OTHER:</b>	NO
<b>HOW FAILED OTH DESC:</b>		<b>END FORWARD:</b>	NO
<b>END REAR:</b>	NO	<b>SIDE RIGHT:</b>	NO
<b>SIDE LEFT:</b>	NO	<b>TOP:</b>	YES
<b>BOTTOM:</b>	NO	<b>CENTER:</b>	NO

- Continued on next page -

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**HMIRS**

**SEARCH ID:** 37

**DIST/DIR:** NON GC

**MAP ID:**

**NAME:** BREWER ENVIRONMENTAL IND  
**ADDRESS:** NIMITZ HWY  
HONOLULU HI

**REV:** 3/15/05  
**ID1:** 1995061150  
**ID2:**  
**STATUS:** WATER  
**PHONE:**

**CONTACT:**

<b>AREA OTHER:</b>	NO	<b>AREA OTHER DESC:</b>	
<b>PACKAGE MATERIAL:</b>	NO	<b>FITTING VALVE:</b>	YES
<b>CLOSURE:</b>	NO	<b>CHIME:</b>	NO
<b>WELD SEAM:</b>	NO	<b>HOSE PIPING:</b>	NO
<b>INNER LINING:</b>	NO	<b>WHAT FAILED OTHER:</b>	NO
<b>WHAT FAILED OTH DESC:</b>			
<b>INCOMPATIBLE MATERIAL:</b>	NO	<b>CONTRIBUTING OTHER:</b>	NO
<b>CONTRIB OTHER DESC:</b>		<b>OTHER FREIGHT:</b>	NO
<b>FORKLIFT:</b>	NO	<b>NAIL PROTRUSION:</b>	NO
<b>OTHER VEHICLE:</b>	NO	<b>WATER:</b>	NO
<b>GROUND FLOOR RDWAY:</b>	NO	<b>ROADSIDE OBSTACLE:</b>	NO
<b>NO OBJECT:</b>	YES	<b>OBJECT OTHER:</b>	NO
<b>PUNCTURED:</b>	NO	<b>CRACKED:</b>	YES
<b>BURST INTER PRESSURE:</b>	NO	<b>RIPPED:</b>	NO
<b>CRUSHED:</b>	NO	<b>RUBBED OR ABRADED:</b>	NO

**REMARKS**



# Environmental FirstSearch

## Site Detail Report

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

### HMIRS

<b>SEARCH ID:</b> 36	<b>DIST/DIR:</b> NON GC	<b>MAP ID:</b>
<b>NAME:</b> BHP PETROLEUM REFINING INC		
<b>ADDRESS:</b> 64 1551 KAMEHAMEHA HWY HONOLULU HI		
<b>CONTACT:</b>		
<b>REV:</b> 3/15/05		
<b>ID1:</b> 1996050639		
<b>ID2:</b>		
<b>STATUS:</b> HIGHWAY (FOR HIRE)		
<b>PHONE:</b>		

#### SITE INFORMATION

**TOTAL NUMBER OF HAZARDOUS MATERIALS:** 1

**MULTIPLE CODE:** A  
**MODE OF TRANSPORT:** 4 - H-H: HIGHWAY (FOR HIRE)  
**OTHER MODE:**

<b>INCIDENT DATE:</b> 5/1/1996	<b>INCIDENT TIME:</b> 9:00
<b>CARRIER RPT NUMBER:</b>	<b>ORIG SAME AS SHIP:</b> YES
<b>DEST SAME AS CONS:</b> YES	

<b>INCIDENT:</b> 64 1551 KAMEHAMEHA HWY HONOLULU HI HONOLULU	<b>CARRIER:</b> <b>ID:</b> 77994 BHP PETROLEUM REFINING INC 739 A N NIMITZ HONOLULU HI 96817
<b>SHIPPER:</b> <b>ID:</b> 77994 BHP PETROLEUM REFINING INC 739 A N NIMITZ HONOLULU HI 96817	<b>CONSIGNEE:</b> <b>ID:</b> 34893 DOLE FRESH FRUIT CO 64 1551 KAMEHAMEHA HWY WAHIAWA HI 96786
<b>ORIGIN:</b> 739 A N NIMITZ HONOLULU HI 96817	<b>DESTINATION:</b> 64 1551 KAMEHAMEHA HWY WAHIAWA HI 96786

#### COMMODITY INFORMATION

<b>MULTIPLE CODE:</b> A	<b>SHIPPING PAPER:</b>
<b>HAZ SUBSTANCE:</b> NO	<b>UN NUMBER:</b> NA1993
<b>RQ MET:</b> NO	<b>QUAN REL CODE:</b> 0
<b>QUANTITY RELEASED:</b> 5 GAL	<b>COMMODITY CODE:</b> 05203

**COMMODITY SHIP NAME:** FUEL OIL NO. 1,2,4,5,6  
**COMMODITY TRADE NAME:**  
**COMMODITY CLASS:** 20 - COMB L: COMBUSTIBLE LIQUID

#### OTHER MATERIAL INFORMATION

<b>DEATHS:</b> 0	<b>MAJOR INJURIES:</b> 0
<b>MINOR INJURIES:</b> 0	<b>NUMBER EVACUATED:</b> 0
<b>PRODUCT LOSS:</b> 6	<b>PROD LOSS CODE:</b> 0
<b>CARRIER DAMAGE:</b> 0	<b>CARRIER DAM CODE:</b> 1
<b>PUB PRI DAMAGE:</b> 0	<b>PUB PRI DAM CODE:</b> 1
<b>DECON DAMAGE:</b> 150	<b>DECON DAM CODE:</b> 0
<b>OTHER DAMAGE:</b> 0	<b>OTHER DAM CODE:</b> 0
<b>REPORT DAMAGE:</b> 156	<b>REPORT DAM CODE:</b> 0
<b>INCIDENT DAMAGE:</b> 0	<b>DAMAGE CODE:</b>

<b>RESULT VAPOR:</b> NO	<b>RESULT SEWER:</b> - Continued on next page -
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# Environmental FirstSearch

## Site Detail Report

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

### HMIRS

**SEARCH ID:** 36 **DIST/DIR:** NON GC **MAP ID:**

**NAME:** BHP PETROLEUM REFINING INC  
**ADDRESS:** 64 1551 KAMEHAMEHA HWY  
HONOLULU HI  
**REV:** 3/15/05  
**ID1:** 1996050639  
**ID2:**  
**STATUS:** HIGHWAY (FOR HIRE)  
**CONTACT:** **PHONE:**

<b>RESULT SPILL:</b>	YES	<b>RESULT FIRE:</b>	NO
<b>RESULT EXPLOSION:</b>	NO	<b>RESULT ENVIRONMENT:</b>	NO
<b>RESULT NONE:</b>	NO	<b>RESULT OTHER:</b>	NO
<b>RESULT OTHER DESC:</b>		<b>VEHICLE CARGO:</b>	YES
<b>VEHICLE VAN:</b>	NO	<b>VEHICLE FLAT:</b>	NO
<b>VEHICLE TANK CAR:</b>	NO	<b>VEHICLE RAIL CAR:</b>	NO
<b>VEHICLE TOFC:</b>	0	<b>VEHICLE AIRCRAFT:</b>	NO
<b>VEHICLE BARGE:</b>	NO	<b>VEHICLE SHIP:</b>	NO
<b>VEHICLE OTHER:</b>	NO	<b>VEHICLE OTHER DESC:</b>	

<b>TRANSPORT PHASE:</b>	263	<b>LAND USE:</b>	272
<b>COMMUNITY TYPE:</b>	283	<b>ACCIDENT OR DERAILED:</b>	NO
<b>ESTIMATED SPEED:</b>		<b>HIGHWAY TYPE:</b>	
<b>HIGHWAY LANES:</b>		<b>GENERAL CAUSE:</b>	10
<b>MISC INFO 1:</b>	100	<b>MISC INFO 2:</b>	100
<b>ATTACHMENTS:</b>	NO	<b>RECOMMENDATIONS:</b>	NO

**REPORTER NAME:** (b) (6)  
**REPORTER TITLE:** TRUCKING SUPV  
**REPORTER PHONE:** 8085473722  
**REPORT DATE:** 5/10/1996

#### CONTAINER INFORMATION

**MULTIPLE CODE:** A  
**CONTAINER TYPE:** MC306 - TANK: CARGO TANKS

**MANUFACTURER:** **ID:** 16634  
PETERBILT  
UNKNOWN XX

<b>CONTAINER CAPACITY:</b>	3600 GAL	<b>CONTAINER CAP CODE:</b>	0
<b>NUMBER FAILED:</b>	1	<b>NUMBER FAILED CODE:</b>	0
<b>NUMBER IN SHIPMENT:</b>	1	<b>NUMBER IN SHIP CODE:</b>	0
<b>GAUGE OF CONTAINER:</b>		<b>TANK SERIAL NUMBER:</b>	1XPAL69XXN
<b>LABEL OR PLACARD:</b>	COMBUST	<b>REGISTRATION NUMBER:</b>	
<b>INSPECTION DATE:</b>		<b>EXEMPTION NUMBER:</b>	

<b>VEHICLE COLLISION:</b>	NO	<b>VEHICLE OVERTURN:</b>	NO
<b>OVERLOAD OR OVERFILL:</b>	NO	<b>LOOSE FITTING:</b>	YES
<b>DEFECTIVE FITTING:</b>	NO	<b>DROPPED:</b>	NO
<b>STRUCK OR RAMMED:</b>	NO	<b>IMPROPER LOADING:</b>	NO
<b>IMPROPER BLOCKING:</b>	NO	<b>CORROSION:</b>	NO
<b>METAL FATIGUE:</b>	NO	<b>FRICTION OR RUBBING:</b>	NO
<b>FIRE OR HEAT:</b>	NO	<b>FREEZING:</b>	NO
<b>VENTING:</b>	NO	<b>VANDALISM:</b>	NO

<b>RUPTURED:</b>	NO	<b>HOW FAILED OTHER:</b>	YES
<b>HOW FAILED OTH DESC:</b>	OTHER	<b>END FORWARD:</b>	NO
<b>END REAR:</b>	NO	<b>SIDE RIGHT:</b>	NO
<b>SIDE LEFT:</b>	NO	<b>TOP:</b>	NO
<b>BOTTOM:</b>	NO	<b>CENTER:</b>	NO

- Continued on next page -

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**HMIRS**

**SEARCH ID:** 36

**DIST/DIR:** NON GC

**MAP ID:**

**NAME:** BHP PETROLEUM REFINING INC  
**ADDRESS:** 64 1551 KAMEHAMEHA HWY  
HONOLULU HI

**REV:** 3/15/05  
**ID1:** 1996050639  
**ID2:**  
**STATUS:** HIGHWAY (FOR HIRE)  
**PHONE:**

**CONTACT:**

<b>AREA OTHER:</b>	YES	<b>AREA OTHER DESC:</b>	NO RESPONSE
<b>PACKAGE MATERIAL:</b>	NO	<b>FITTING VALVE:</b>	NO
<b>CLOSURE:</b>	NO	<b>CHIME:</b>	NO
<b>WELD SEAM:</b>	NO	<b>HOSE PIPING:</b>	NO
<b>INNER LINING:</b>	NO	<b>WHAT FAILED OTHER:</b>	YES
<b>WHAT FAILED OTH DESC:</b>	NO RESPONSE		
<b>INCOMPATIBLE MATERIAL:</b>	NO	<b>CONTRIBUTING OTHER:</b>	NO
<b>CONTRIB OTHER DESC:</b>		<b>OTHER FREIGHT:</b>	NO
<b>FORKLIFT:</b>	NO	<b>NAIL PROTRUSION:</b>	NO
<b>OTHER VEHICLE:</b>	NO	<b>WATER:</b>	NO
<b>GROUND FLOOR RDWAY:</b>	NO	<b>ROADSIDE OBSTACLE:</b>	NO
<b>NO OBJECT:</b>	NO	<b>OBJECT OTHER:</b>	YES
<b>PUNCTURED:</b>	NO	<b>CRACKED:</b>	NO
<b>BURST INTER PRESSURE:</b>	NO	<b>RIPPED:</b>	NO
<b>CRUSHED:</b>	NO	<b>RUBBED OR ABRADED:</b>	NO

**REMARKS**

DID NOT CLOSE VALVE. WHEN OPEN CAP PRODUCT SPILLED OUT. DRIVER PRODUCT.

# Environmental FirstSearch

## Site Detail Report

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

### HMIRS

**SEARCH ID:** 35                      **DIST/DIR:** NON GC                      **MAP ID:**

<b>NAME:</b> BHP PETROLEUM AMERICAS TERMINA <b>ADDRESS:</b> NIMITZ HWY HONOLULU HI  <b>CONTACT:</b>	<b>REV:</b> 3/15/05 <b>ID1:</b> 1993070904 <b>ID2:</b> <b>STATUS:</b> HIGHWAY (PRIVATE) <b>PHONE:</b>
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#### SITE INFORMATION

**TOTAL NUMBER OF HAZARDOUS MATERIALS:** 1

**MULTIPLE CODE:** A  
**MODE OF TRANSPORT:** 5 - H-P: HIGHWAY (PRIVATE)  
**OTHER MODE:**

<b>INCIDENT DATE:</b> 6/22/1993	<b>INCIDENT TIME:</b> 6:15
<b>CARRIER RPT NUMBER:</b>	<b>ORIG SAME AS SHIP:</b> YES
<b>DEST SAME AS CONS:</b> YES	

<b>INCIDENT:</b> NIMITZ HWY HONOLULU HI HONOLULU	<b>CARRIER:</b> <b>ID:</b> 52647 BHP PETROLEUM AMERICAS TERMINA 739 N NIMITZ HWY HONOLULU HI 96817
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<b>SHIPPER:</b> <b>ID:</b> 52647 BHP PETROLEUM AMERICAS TERMINA 739 N NIMITZ HWY HONOLULU HI 96817	<b>CONSIGNEE:</b> <b>ID:</b> 52648 ENERCO CAMPBELL INDUSTRIAL PARK EWA BEACH HI
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<b>ORIGIN:</b> 739 N NIMITZ HWY HONOLULU HI 96817	<b>DESTINATION:</b> CAMPBELL INDUSTRIAL PARK EWA BEACH HI
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#### COMMODITY INFORMATION

<b>MULTIPLE CODE:</b> A	<b>SHIPPING PAPER:</b>
<b>HAZ SUBSTANCE:</b> NO	<b>UN NUMBER:</b> UN1203
<b>RQ MET:</b> NO	<b>QUAN REL CODE:</b> 0
<b>QUANTITY RELEASED:</b> 10 GAL	<b>COMMODITY CODE:</b> 05360

**COMMODITY SHIP NAME:** GASOLINE  
**COMMODITY TRADE NAME:**  
**COMMODITY CLASS:** 30 - F. L.: FLAMMABLE - COMBUSTIBLE LIQUID

#### OTHER MATERIAL INFORMATION

<b>DEATHS:</b> 0	<b>MAJOR INJURIES:</b> 0
<b>MINOR INJURIES:</b> 0	<b>NUMBER EVACUATED:</b> 0
<b>PRODUCT LOSS:</b> 15	<b>PROD LOSS CODE:</b> 0
<b>CARRIER DAMAGE:</b> 0	<b>CARRIER DAM CODE:</b> 1
<b>PUB PRI DAMAGE:</b> 0	<b>PUB PRI DAM CODE:</b> 1
<b>DECON DAMAGE:</b> 300	<b>DECON DAM CODE:</b> 0
<b>OTHER DAMAGE:</b> 0	<b>OTHER DAM CODE:</b> 1
<b>REPORT DAMAGE:</b> 315	<b>REPORT DAM CODE:</b> 0
<b>INCIDENT DAMAGE:</b> 0	<b>DAMAGE CODE:</b>

<b>RESULT VAPOR:</b> NO	<b>RESULT SEWER:</b> - <i>Continued on next page -</i>
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# Environmental FirstSearch

## Site Detail Report

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

### HMIRS

**SEARCH ID:** 35      **DIST/DIR:** NON GC      **MAP ID:**

**NAME:** BHP PETROLEUM AMERICAS TERMINA      **REV:** 3/15/05  
**ADDRESS:** NIMITZ HWY      **ID1:** 1993070904  
HONOLULU HI      **ID2:**  
**CONTACT:**      **STATUS:** HIGHWAY (PRIVATE)  
**PHONE:**

<b>RESULT SPILL:</b>	YES	<b>RESULT FIRE:</b>	NO
<b>RESULT EXPLOSION:</b>	NO	<b>RESULT ENVIRONMENT:</b>	NO
<b>RESULT NONE:</b>	NO	<b>RESULT OTHER:</b>	NO
<b>RESULT OTHER DESC:</b>		<b>VEHICLE CARGO:</b>	YES
<b>VEHICLE VAN:</b>	NO	<b>VEHICLE FLAT:</b>	NO
<b>VEHICLE TANK CAR:</b>	NO	<b>VEHICLE RAIL CAR:</b>	NO
<b>VEHICLE TOFC:</b>	0	<b>VEHICLE AIRCRAFT:</b>	NO
<b>VEHICLE BARGE:</b>	NO	<b>VEHICLE SHIP:</b>	NO
<b>VEHICLE OTHER:</b>	NO	<b>VEHICLE OTHER DESC:</b>	

<b>TRANSPORT PHASE:</b>	262	<b>LAND USE:</b>	271
<b>COMMUNITY TYPE:</b>	281	<b>ACCIDENT OR DERAIL:</b>	NO
<b>ESTIMATED SPEED:</b>		<b>HIGHWAY TYPE:</b>	
<b>HIGHWAY LANES:</b>		<b>GENERAL CAUSE:</b>	20
<b>MISC INFO 1:</b>	110	<b>MISC INFO 2:</b>	100
<b>ATTACHMENTS:</b>	NO	<b>RECOMMENDATIONS:</b>	NO

**REPORTER NAME:** (b) (6)  
**REPORTER TITLE:** TRUCKING SUPERVISOR  
**REPORTER PHONE:** 8085473722  
**REPORT DATE:** 6/22/1993

#### CONTAINER INFORMATION

**MULTIPLE CODE:** A  
**CONTAINER TYPE:** MC306 - TANK: CARGO TANKS

**MANUFACTURER:** **ID:** 22891  
RMT PROPERTIES  
WEBER UT

<b>CONTAINER CAPACITY:</b>	4750 GAL	<b>CONTAINER CAP CODE:</b>	0
<b>NUMBER FAILED:</b>	1	<b>NUMBER FAILED CODE:</b>	0
<b>NUMBER IN SHIPMENT:</b>	1	<b>NUMBER IN SHIP CODE:</b>	0
<b>GAUGE OF CONTAINER:</b>		<b>TANK SERIAL NUMBER:</b>	189212323L
<b>LABEL OR PLACARD:</b>	FLAM	<b>REGISTRATION NUMBER:</b>	
<b>INSPECTION DATE:</b>		<b>EXEMPTION NUMBER:</b>	

<b>VEHICLE COLLISION:</b>	NO	<b>VEHICLE OVERTURN:</b>	NO
<b>OVERLOAD OR OVERFILL:</b>	YES	<b>LOOSE FITTING:</b>	NO
<b>DEFECTIVE FITTING:</b>	NO	<b>DROPPED:</b>	NO
<b>STRUCK OR RAMMED:</b>	NO	<b>IMPROPER LOADING:</b>	NO
<b>IMPROPER BLOCKING:</b>	NO	<b>CORROSION:</b>	NO
<b>METAL FATIGUE:</b>	NO	<b>FRICTION OR RUBBING:</b>	NO
<b>FIRE OR HEAT:</b>	NO	<b>FREEZING:</b>	NO
<b>VENTING:</b>	NO	<b>VANDALISM:</b>	NO

<b>RUPTURED:</b>	NO	<b>HOW FAILED OTHER:</b>	YES
<b>HOW FAILED OTH DESC:</b>	OTHER	<b>END FORWARD:</b>	NO
<b>END REAR:</b>	NO	<b>SIDE RIGHT:</b>	NO
<b>SIDE LEFT:</b>	NO	<b>TOP:</b>	YES
<b>BOTTOM:</b>	NO	<b>CENTER:</b>	YES

- Continued on next page -

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**HMIRS**

**SEARCH ID:** 35

**DIST/DIR:** NON GC

**MAP ID:**

**NAME:** BHP PETROLEUM AMERICAS TERMINA  
**ADDRESS:** NIMITZ HWY  
HONOLULU HI

**REV:** 3/15/05  
**ID1:** 1993070904  
**ID2:**  
**STATUS:** HIGHWAY (PRIVATE)  
**PHONE:**

**CONTACT:**

<b>AREA OTHER:</b>	NO	<b>AREA OTHER DESC:</b>	
<b>PACKAGE MATERIAL:</b>	NO	<b>FITTING VALVE:</b>	NO
<b>CLOSURE:</b>	NO	<b>CHIME:</b>	NO
<b>WELD SEAM:</b>	NO	<b>HOSE PIPING:</b>	NO
<b>INNER LINING:</b>	NO	<b>WHAT FAILED OTHER:</b>	YES
<b>WHAT FAILED OTH DESC:</b>	OTHER		
<b>INCOMPATIBLE MATERIAL:</b>	NO	<b>CONTRIBUTING OTHER:</b>	NO
<b>CONTRIB OTHER DESC:</b>		<b>OTHER FREIGHT:</b>	NO
<b>FORKLIFT:</b>	NO	<b>NAIL PROTRUSION:</b>	NO
<b>OTHER VEHICLE:</b>	NO	<b>WATER:</b>	NO
<b>GROUND FLOOR RDWAY:</b>	NO	<b>ROADSIDE OBSTACLE:</b>	NO
<b>NO OBJECT:</b>	YES	<b>OBJECT OTHER:</b>	NO
<b>PUNCTURED:</b>	NO	<b>CRACKED:</b>	NO
<b>BURST INTER PRESSURE:</b>	NO	<b>RIPPED:</b>	NO
<b>CRUSHED:</b>	NO	<b>RUBBED OR ABRADED:</b>	NO

**REMARKS**

SPIILLED PRODUCT DUE TO DEFECTIVE SPRING IN DRY-BRAKE. SPILLED CLEANED UP AND EVAPORATED.

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**LEAKING UNDERGROUND STORAGE TANKS**

**SEARCH ID:** 22 **DIST/DIR:** NON GC **MAP ID:**

**NAME:** HICKAM AIR FORCE BASE **REV:** 02/11/05  
**ADDRESS:** BLDG 4006 TANK 75036A KUNTZ AVE - SOFTBALL FIELD AR **ID1:** 9-102579  
HICKAM AIR FORCE BAS HI 96853 **ID2:**  
**CONTACT:** **STATUS:**  
**PHONE:**

**Event ID Number:** 920110  
**Facility ID Number:** 9-102579  
**Status Date:** 1/21/1998  
**Status:** Case Transferred to HEER  
**Project Officer:** DERA

**LEAKING UNDERGROUND STORAGE TANKS**

**SEARCH ID:** 23 **DIST/DIR:** NON GC **MAP ID:**

**NAME:** FLEET INTELLIGENCE CENTER PACIFIC **REV:** 02/11/05  
**ADDRESS:** BLDG 352, MAKALAPA CRATER, TANK 41 & 42, JPAC-1, JPAC-2 **ID1:** 9-100991  
PEARL HARBOR HI 96860 **ID2:**  
**CONTACT:** **STATUS:**  
**PHONE:**

**Event ID Number:** 900095  
**Facility ID Number:** 9-100991  
**Status Date:** 7/27/1990  
**Status:** Disconfirmed Release  
**Project Officer:** Assigned

**Event ID Number:** 960014  
**Facility ID Number:** 9-100991  
**Status Date:** 6/1/1998  
**Status:** Disconfirmed Release  
**Project Officer:** (b)

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

NCDB

**SEARCH ID:** 38

**DIST/DIR:** NON GC

**MAP ID:**

**NAME:** HOLY FAMILY SCHOOL  
**ADDRESS:** 830 MAIN ST.  
HONOLULU HI 96818

**REV:** 3/1/06  
**ID1:** NCDB-20041116HI08 1  
**ID2:** 20041116HI08 1  
**STATUS:** TSCA  
**PHONE:**

**CONTACT:**

**SITE INFORMATION:**

**EPA REGION:** 09  
**INSPECTOR ID:** 20041116HI08 1  
**INSPECTION DATE:** 11/16/2004  
**INSPECTOR NAME:** (b) (6)  
**LEGISLATION CODE:** T

**FACILITY FUNCTION:** US - USER

**INVESTIGATION TYPE:** AHERA, ENFORCEMENT, STATE CONDUCTED

**REASON:** NSS - NEUTRAL SCHEME, STATE



***Environmental FirstSearch***  
***Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

RCRA TSD SITE

**SEARCH ID:** 15

**DIST/DIR:** NON GC

**MAP ID:**

**NAME:** USNAVY CMDR NVY RG HI PEARL HARBOR NVL  
**ADDRESS:** BLDG 1526 CENTRAL AVE SHIPYA  
PEARL HARBOR HI 96860

**REV:** 6/8/02  
**ID1:** HI1170024334  
**ID2:**  
**STATUS:** TSD  
**PHONE:** 8084714835

**CONTACT:** (b) (6)

**SITE INFORMATION**

**CONTACT INFORMATION:** (b) (6)  
ENV ENG  
USNAVY P W C PEARL HBR N465  
PEARL HARBOR HI 968605470

**PHONE:** 8084714835

**CONTACT INFORMATION:** ENVIRONMENTAL MANAGER  
ENVIRO MANAGER  
USNAVY P W C PEARL HBR N465  
PEARL HARBOR HI 968605470

**PHONE:**

**UNIVERSE NAME:**

DF: LAND DISPOSAL FACILITY  
INCINERATOR  
TSDS SUBJECT TO CORRECTIVE ACT  
SUBJECT TO CEI  
ST: STORAGE AND TREATMENT  
SUBJECT TO CORRECTIVE ACTION

**SIC INFORMATION:**

9711 - PUBLIC ADMIN. - NATIONAL SECURITY  
9711 - PUBLIC ADMIN. - NATIONAL SECURITY  
9711 - PUBLIC ADMIN. - NATIONAL SECURITY  
4412 - TRANS. & UTILITIES - DEEP SEA FOREIGN TRANS. OF FR

**ENFORCEMENT INFORMATION:**

**AGENCY:** E - EPA                      **DATE:** 10-SEP-01  
**TYPE:** 120 - WRITTEN INFORMAL

**AGENCY:** E - EPA                      **DATE:** 16-MAY-88  
**TYPE:** 120 - WRITTEN INFORMAL

**AGENCY:** S - STATE                      **DATE:** 20-MAY-93  
**TYPE:** 120 - WRITTEN INFORMAL

**AGENCY:** E - EPA                      **DATE:** 12-MAR-01  
**TYPE:** 120 - WRITTEN INFORMAL

**AGENCY:** E - EPA                      **DATE:** 15-JUN-89  
**TYPE:** 120 - WRITTEN INFORMAL

- Continued on next page -

# Environmental FirstSearch

## Site Detail Report

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

### RCRA TSD SITE

**SEARCH ID:** 15                      **DIST/DIR:** NON GC                      **MAP ID:**

<b>NAME:</b> USNAVY CMDR NVY RG HI PEARL HARBOR NVL <b>ADDRESS:</b> BLDG 1526 CENTRAL AVE SHIPYA PEARL HARBOR HI 96860  <b>CONTACT:</b> (b) (6)	<b>REV:</b> 6/8/02 <b>ID1:</b> HI1170024334 <b>ID2:</b> <b>STATUS:</b> TSD <b>PHONE:</b> 8084714835
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<b>AGENCY:</b>	S - STATE	<b>DATE:</b>	15-MAY-98
<b>TYPE:</b>	120 - WRITTEN INFORMAL		
<b>AGENCY:</b>	S - STATE	<b>DATE:</b>	23-SEP-97
<b>TYPE:</b>	120 - WRITTEN INFORMAL		
<b>AGENCY:</b>	E - EPA	<b>DATE:</b>	23-JUN-98
<b>TYPE:</b>	120 - WRITTEN INFORMAL		
<b>AGENCY:</b>	S - STATE	<b>DATE:</b>	31-JUL-90
<b>TYPE:</b>	120 - WRITTEN INFORMAL		

**VIOLATION INFORMATION:**

<b>VIOLATION NUMBER:</b>	0002	<b>RESPONSIBLE:</b>	E - EPA
<b>DETERMINED:</b>	05-JUN-86	<b>DETERMINED BY:</b>	E - EPA
<b>CITATION:</b>	270	<b>RESOLVED:</b>	06/17/1988
<b>TYPE:</b>	DOT - TSD OTHER REQUIREMENTS (OVERSIGHT LEVEL)		

<b>VIOLATION NUMBER:</b>	0003	<b>RESPONSIBLE:</b>	E - EPA
<b>DETERMINED:</b>	09-SEP-87	<b>DETERMINED BY:</b>	E - EPA
<b>CITATION:</b>	270	<b>RESOLVED:</b>	06/17/1988
<b>TYPE:</b>	DOT - TSD OTHER REQUIREMENTS (OVERSIGHT LEVEL)		

<b>VIOLATION NUMBER:</b>	0005	<b>RESPONSIBLE:</b>	E - EPA
<b>DETERMINED:</b>	20-APR-89	<b>DETERMINED BY:</b>	E - EPA
<b>CITATION:</b>	270	<b>RESOLVED:</b>	09/20/1989
<b>TYPE:</b>	DOT - TSD OTHER REQUIREMENTS (OVERSIGHT LEVEL)		

<b>VIOLATION NUMBER:</b>	0006	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	29-MAR-90	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	268 ALL	<b>RESOLVED:</b>	
<b>TYPE:</b>	DLB - TSD LAND BAN REQUIREMENTS		

<b>VIOLATION NUMBER:</b>	0007	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	29-MAR-90	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	268.7	<b>RESOLVED:</b>	
<b>TYPE:</b>	GLB - GENERATOR LAND BAN REQUIREMENTS		

<b>VIOLATION NUMBER:</b>	0008	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	29-MAR-90	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	270	<b>RESOLVED:</b>	
<b>TYPE:</b>	DOT - TSD OTHER REQUIREMENTS (OVERSIGHT LEVEL)		

<b>VIOLATION NUMBER:</b>	0009	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	20-MAY-93	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	270	<b>RESOLVED:</b>	06/21/1993
<b>TYPE:</b>	DOT - TSD OTHER REQUIREMENTS (OVERSIGHT LEVEL)		

<b>VIOLATION NUMBER:</b>	0010	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	20-MAY-93	<b>DETERMINED BY:</b>	- Continued on next page -

# Environmental FirstSearch

## Site Detail Report

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

### RCRA TSD SITE

**SEARCH ID:** 15

**DIST/DIR:** NON GC

**MAP ID:**

**NAME:** USNAVY CMDR NVY RG HI PEARL HARBOR NVL  
**ADDRESS:** BLDG 1526 CENTRAL AVE SHIPYA  
PEARL HARBOR HI 96860

**REV:** 6/8/02  
**ID1:** HII170024334  
**ID2:**  
**STATUS:** TSD  
**PHONE:** 8084714835

**CONTACT:** (b) (6)

**CITATION:** 264.70-77.E **RESOLVED:** 06/21/1993  
**TYPE:** DOT - TSD OTHER REQUIREMENTS (OVERSIGHT LEVEL)

**VIOLATION NUMBER:** 0011 **RESPONSIBLE:** S - STATE  
**DETERMINED:** 20-MAY-93 **DETERMINED BY:** S - STATE  
**CITATION:** 264.30-37.C **RESOLVED:** 06/21/1993  
**TYPE:** DOT - TSD OTHER REQUIREMENTS (OVERSIGHT LEVEL)

**VIOLATION NUMBER:** 0012 **RESPONSIBLE:** S - STATE  
**DETERMINED:** 20-MAY-93 **DETERMINED BY:** S - STATE  
**CITATION:** 264.10-18.B **RESOLVED:** 06/21/1993  
**TYPE:** DOT - TSD OTHER REQUIREMENTS (OVERSIGHT LEVEL)

**VIOLATION NUMBER:** 0013 **RESPONSIBLE:** S - STATE  
**DETERMINED:** 20-MAY-93 **DETERMINED BY:** S - STATE  
**CITATION:** 264.170-177.I **RESOLVED:** 06/21/1993  
**TYPE:** DOT - TSD OTHER REQUIREMENTS (OVERSIGHT LEVEL)

**VIOLATION NUMBER:** 0014 **RESPONSIBLE:** E - EPA  
**DETERMINED:** 30-SEP-96 **DETERMINED BY:** E - EPA  
**CITATION:** 264.170-177.I **RESOLVED:** 02/11/1998  
**TYPE:** DOT - TSD OTHER REQUIREMENTS (OVERSIGHT LEVEL)

**VIOLATION NUMBER:** 0015 **RESPONSIBLE:** S - STATE  
**DETERMINED:** 23-SEP-97 **DETERMINED BY:** S - STATE  
**CITATION:** 264.50-56.D **RESOLVED:**  
**TYPE:** DOT - TSD OTHER REQUIREMENTS (OVERSIGHT LEVEL)

**VIOLATION NUMBER:** 0016 **RESPONSIBLE:** S - STATE  
**DETERMINED:** 23-SEP-97 **DETERMINED BY:** S - STATE  
**CITATION:** 270 **RESOLVED:**  
**TYPE:** DOT - TSD OTHER REQUIREMENTS (OVERSIGHT LEVEL)

**VIOLATION NUMBER:** 0017 **RESPONSIBLE:** S - STATE  
**DETERMINED:** 15-MAY-98 **DETERMINED BY:** S - STATE  
**CITATION:** 268 ALL **RESOLVED:** 07/10/1998  
**TYPE:** DLB - TSD LAND BAN REQUIREMENTS

**VIOLATION NUMBER:** 0018 **RESPONSIBLE:** S - STATE  
**DETERMINED:** 15-MAY-98 **DETERMINED BY:** S - STATE  
**CITATION:** 270 **RESOLVED:** 07/10/1998  
**TYPE:** DOT - TSD OTHER REQUIREMENTS (OVERSIGHT LEVEL)

**VIOLATION NUMBER:** 0019 **RESPONSIBLE:** S - STATE  
**DETERMINED:** 15-MAY-98 **DETERMINED BY:** S - STATE  
**CITATION:** 270 **RESOLVED:** 07/10/1998  
**TYPE:** DOT - TSD OTHER REQUIREMENTS (OVERSIGHT LEVEL)

**VIOLATION NUMBER:** 0020 **RESPONSIBLE:** E - EPA  
**DETERMINED:** 01-SEP-00 **DETERMINED BY:** E - EPA  
**CITATION:** 264.30-37.C **RESOLVED:**  
**TYPE:** DOT - TSD OTHER REQUIREMENTS (OVERSIGHT LEVEL)

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***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**RCRA TSD SITE**

**SEARCH ID:** 15

**DIST/DIR:** NON GC

**MAP ID:**

**NAME:** USNAVY CMDR NVY RG HI PEARL HARBOR NVL  
**ADDRESS:** BLDG 1526 CENTRAL AVE SHIPYA  
PEARL HARBOR HI 96860

**REV:** 6/8/02  
**ID1:** HI1170024334  
**ID2:**  
**STATUS:** TSD  
**PHONE:** 8084714835

**CONTACT:** (b) (6)

<b>VIOLATION NUMBER:</b>	0021	<b>RESPONSIBLE:</b>	E - EPA
<b>DETERMINED:</b>	11-JUN-01	<b>DETERMINED BY:</b>	E - EPA
<b>CITATION:</b>	268 ALL	<b>RESOLVED:</b>	
<b>TYPE:</b>	DLB - TSD LAND BAN REQUIREMENTS		

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**RCRA NLR SITE**

**SEARCH ID:** 16

**DIST/DIR:** NON GC

**MAP ID:**

**NAME:** USNAVY AFLOAT TRAINING GRP MIDPAC  
**ADDRESS:** 1430 SOUTH AVE  
PEARL HARBOR HI 96860

**REV:** 4/16/06  
**ID1:** HI4170090035  
**ID2:**  
**STATUS:** NLR  
**PHONE:** 8084710618

**CONTACT:** (b) (6)

**SITE INFORMATION**

**CONTACT INFORMATION:** (b) (6)  
SAFETY OFFICER  
1430 SOUTH AVE  
PEARL HARBOR HI 968607600

**PHONE:** 8084710618

**UNIVERSE TYPE:**

**SIC INFORMATION:**

8249 - SERVICES - VOCATIONAL SCHOOLS, NEC

**ENFORCEMENT INFORMATION:**

**AGENCY:** S - STATE      **DATE:** 29-NOV-89  
**TYPE:** 120 - WRITTEN INFORMAL

**VIOLATION INFORMATION:**

**VIOLATION NUMBER:** 0001      **RESPONSIBLE:** S - STATE  
**DETERMINED:** 12-DEC-88      **DETERMINED BY:** S - STATE  
**CITATION:**      **RESOLVED:** 26-DEC-89  
**TYPE:** GGR - GENERATOR GENERAL REQUIREMENTS

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**RELEASES (AIR/WATER)**

**SEARCH ID:** 29

**DIST/DIR:** NON GC

**MAP ID:**

**NAME:** HAWAIIAN TUG AND BARGE  
**ADDRESS:** OFF OF N. NIMITZ HWY PIER NO.21  
HONOLULU HI  
HONOLULU

**REV:** 7/5/91  
**ID1:** 223568  
**ID2:**  
**STATUS:** MARINE- RELEASED FROM A MARINE  
**PHONE:**

**SPILL INFORMATION**

**DATE OF SPILL:** 7/5/91 **TIME OF SPILL:** 1310

**PRODUCT RELEASED (1):** WASTE OIL/LUBRICANTS - POSS. CO  
**QUANTITY (1):** 25  
**UNITS (1):** GAL

**PRODUCT RELEASED (2):**  
**QUANTITY (2):**  
**UNITS (2):**

**PRODUCT RELEASED (3):**  
**QUANTITY (3):**  
**UNITS (3):**

**MEDIUM/MEDIA AFFECTED**

<b>AIR:</b>	NO	<b>GROUNDWATER:</b>	NO
<b>LAND:</b>	NO	<b>FIXED FACILITY:</b>	NO
<b>WATER:</b>	YES	<b>OTHER:</b>	NO
<b>WATERBODY AFFECTED BY RELEASE:</b>		HONOLULU HARBOR	

**CAUSE OF RELEASE**

<b>DUMPING:</b>	NO	<b>EQUIPMENT FAILURE:</b>	NO
<b>NATURAL PHENOMENON:</b>	NO	<b>OPERATOR ERROR:</b>	NO
<b>OTHER CAUSE:</b>	NO	<b>TRANSP. ACCIDENT:</b>	NO
<b>UNKNOWN:</b>	NO		

**ACTIONS TAKEN:** CG IS ONSCENE. CLEANUP UNDERWAY PENNCO  
**RELEASE DETECTION:** TUG HOKU-LELE /UNKNOWN  
**MISC. NOTES:** SHEEN SIZE: UNKNOWN COLOR: BLACK OIL

**DISCHARGER INFORMATION**

<b>DISCHARGER ID:</b>	223568	<b>DUN &amp; BRADSTREET #:</b>
<b>TYPE OF DISCHARGER:</b>	PRIVATE ENTERPRISE	
<b>NAME OF DISCHARGER:</b>	HAWAIIAN TUG AND BARGE	
<b>ADDRESS:</b>	PO BOX 3288 HONOLULU HI 96801	

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**RELEASES (AIR/WATER)**

**SEARCH ID:** 34

**DIST/DIR:** NON GC

**MAP ID:**

**NAME:**

**ADDRESS:** 60 NORTH NIMITZ HWY IN HARBOR AT PIER 18  
HONOLULU HI  
OAHU

**REV:** 8/28/94

**ID1:** 391221

**ID2:**

**STATUS:** UNKNOWN (NRC)

**CONTACT:**

**PHONE:**

**SPILL INFORMATION**

**DATE OF SPILL:** 8/28/94 **TIME OF SPILL:** 1430

**PRODUCT RELEASED (1):** UNKNOWN OIL

**QUANTITY (1):** 0

**UNITS (1):** UNK

**PRODUCT RELEASED (2):**

**QUANTITY (2):**

**UNITS (2):**

**PRODUCT RELEASED (3):**

**QUANTITY (3):**

**UNITS (3):**

**MEDIUM/MEDIA AFFECTED**

**AIR:** NO

**LAND:** NO

**WATER:** YES

**WATERBODY AFFECTED BY RELEASE:**

**GROUNDWATER:** NO

**FIXED FACILITY:** NO

**OTHER:** NO

HONOLULU HARBOR

**CAUSE OF RELEASE**

**DUMPING:** NO

**NATURAL PHENOMENON:** NO

**OTHER CAUSE:** NO

**UNKNOWN:** NO

**EQUIPMENT FAILURE:** NO

**OPERATOR ERROR:** NO

**TRANSP. ACCIDENT:** NO

**ACTIONS TAKEN:** NONE

**RELEASE DETECTION:** UNKNOWN / UNKNOWN SHEEN SIGHTING, SHEEN SIZE: 100 YDS X 20 /RAINBOW COLORED

**MISC. NOTES:**

**DISCHARGER INFORMATION**

**DISCHARGER ID:** 391221

**DUN & BRADSTREET #:**

**TYPE OF DISCHARGER:**

**NAME OF DISCHARGER:**

**ADDRESS:**

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**RELEASES (AIR/WATER)**

**SEARCH ID:** 30

**DIST/DIR:** NON GC

**MAP ID:**

**NAME:** M/V BLUE SKY

**REV:** 4/11/91

**ADDRESS:** OFF OF WAIANAE COAST NEAR KAHE POWER PLANT. NORTH  
HONOLULU HI  
HONOLULU

**ID1:** 223899

**ID2:**

**STATUS:** MARINE- RELEASED FROM A MARINE

**CONTACT:**

**PHONE:**

**SPILL INFORMATION**

**DATE OF SPILL:** 4/11/91

**TIME OF SPILL:** 1305

**PRODUCT RELEASED (1):** WASTE OIL/LUBRICANTS - POSS. CO

**QUANTITY (1):** 20

**UNITS (1):** GAL

**PRODUCT RELEASED (2):**

**QUANTITY (2):**

**UNITS (2):**

**PRODUCT RELEASED (3):**

**QUANTITY (3):**

**UNITS (3):**

**MEDIUM/MEDIA AFFECTED**

**AIR:** NO

**GROUNDWATER:** NO

**LAND:** NO

**FIXED FACILITY:** NO

**WATER:** YES

**OTHER:** NO

**WATERBODY AFFECTED BY RELEASE:**

NORTH PACIFIC OCEAN

**CAUSE OF RELEASE**

**DUMPING:** NO

**EQUIPMENT FAILURE:** NO

**NATURAL PHENOMENON:** NO

**OPERATOR ERROR:** NO

**OTHER CAUSE:** NO

**TRANSP. ACCIDENT:** NO

**UNKNOWN:** NO

**ACTIONS TAKEN:** NONE.

**RELEASE DETECTION:** M/V BLUE SKY / VESSEL OBSERVED PUMPING ITS BILGES OVERBOARD.

**MISC. NOTES:** MSIS NO. MP91006525

**DISCHARGER INFORMATION**

**DISCHARGER ID:** 223899

**DUN & BRADSTREET #:**

**TYPE OF DISCHARGER:**

**NAME OF DISCHARGER:** M/V BLUE SKY

**ADDRESS:**



***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

RELEASES (AIR/WATER)									
<table style="width: 100%;"><tr><td style="width: 33%;"><b>SEARCH ID:</b> 31</td><td style="width: 33%;"><b>DIST/DIR:</b> NON GC</td><td style="width: 33%;"><b>MAP ID:</b></td></tr><tr><td><b>NAME:</b> PACIFIC RESOURCES INC. <b>ADDRESS:</b> PIER 32 OFF OF NIMITZ HWY HONOLULU HI UNKNOWN <b>CONTACT:</b></td><td><b>REV:</b> 6/6/90 0:0 <b>ID1:</b> 167126 <b>ID2:</b> <b>STATUS:</b> FIXED FACILITY <b>PHONE:</b></td><td></td></tr><tr><td colspan="3">DETAILS NOT AVAILABLE</td></tr></table>	<b>SEARCH ID:</b> 31	<b>DIST/DIR:</b> NON GC	<b>MAP ID:</b>	<b>NAME:</b> PACIFIC RESOURCES INC. <b>ADDRESS:</b> PIER 32 OFF OF NIMITZ HWY HONOLULU HI UNKNOWN <b>CONTACT:</b>	<b>REV:</b> 6/6/90 0:0 <b>ID1:</b> 167126 <b>ID2:</b> <b>STATUS:</b> FIXED FACILITY <b>PHONE:</b>		DETAILS NOT AVAILABLE		
<b>SEARCH ID:</b> 31	<b>DIST/DIR:</b> NON GC	<b>MAP ID:</b>							
<b>NAME:</b> PACIFIC RESOURCES INC. <b>ADDRESS:</b> PIER 32 OFF OF NIMITZ HWY HONOLULU HI UNKNOWN <b>CONTACT:</b>	<b>REV:</b> 6/6/90 0:0 <b>ID1:</b> 167126 <b>ID2:</b> <b>STATUS:</b> FIXED FACILITY <b>PHONE:</b>								
DETAILS NOT AVAILABLE									

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**RELEASES (AIR/WATER)**

**SEARCH ID:** 32                      **DIST/DIR:** NON GC                      **MAP ID:**

<b>NAME:</b> PIER 30 <b>ADDRESS:</b> 777 NORTH NIMITZ HWY HONOLULU HI OAHU <b>CONTACT:</b> (b) (6)	<b>REV:</b> 12/31/05 <b>ID1:</b> NRC-774574 <b>ID2:</b> <b>STATUS:</b> VESSEL <b>PHONE:</b>
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**SITE INFORMATION**

**THIS INFORMATION WAS OBTAINED FROM THE NATIONAL RESPONSE CENTER**

<b>DATE RECEIVED:</b> 9/30/2005 5:18:36 PM	<b>9/30/2005 5:14:05 PM</b>	<b>DATE COMPLETE:</b>
<b>CALL TAKER:</b>	JLC2872	<b>CALL TYPE:</b> INC

**RESPONSIBLE PARTY:** (b) (6)  
**PHONE #1:**  
**PHONE #2:**  
**PHONE #3:**

**RESPONSIBLE COMPANY:** TUG NAHIKU SMITH MARITIME  
**ORGANIZATION TYPE:** PRIVATE ENTERPRISE

**ADDRESS:**  
HONOLULU HI

**SOURCE:** TELEPHONE

**INCIDENT INFORMATION**

**INCIDENT DESCRIPTION:** THE MATERIAL APPEARS TO BE LEAKING OUT OF THE TUG

<b>INCIDENT TYPE:</b> VESSEL	<b>INCIDENT CAUSE:</b> EQUIPMENT FAILURE	
<b>INCIDENT DATE:</b> 9/30/2005 11:05:00 AM	<b>INCIDENT DATE DESC:</b>	
<b>OCCURRED</b>		

<b>DISTANCE FROM CITY:</b>	<b>DISTANCE UNITS:</b>
<b>DIRECTION FROM CITY:</b>	<b>LOCATION SECTION:</b>
<b>LOCATION TOWNSHIP:</b>	<b>LOCATION RANGE:</b>

<b>AIRCRAFT TYPE:</b>	<b>AIRCRAFT MODEL:</b>
<b>AIRCRAFT ID:</b>	<b>AIRCRAFT FUEL CAPACITY:</b>
<b>AIRCRAFT FUEL CAPACITY UNITS:</b>	<b>AIRCRAFT FUEL ON BOARD:</b>
<b>AIRCRAFT FUEL ON BOARD UNITS:</b>	<b>AIRCRAFT SPOT NUMBER:</b>
<b>AIRCRAFT HANGER:</b>	<b>AIRCRAFT RUNWAY NUM:</b>
<b>ROAD MILE MARKER:</b>	<b>BUILDING ID:</b>
<b>TYPE OF FIXED OBJECT:</b>	<b>POWER GEN FACILITY:</b> U
<b>GENERATING CAPACITY:</b>	<b>TYPE OF FUEL:</b>
<b>NPDES:</b>	<b>NPDES COMPLIANCE:</b> U
<b>PIPELINE TYPE:</b>	<b>DOT REGULATED:</b> U
<b>PIPELINE ABOVE GROUND:</b> ABOVE	<b>EXPOSED UNDERWATER:</b> N
<b>PIPELINE COVERED:</b> U	<b>GRADE CROSSING:</b> N
<b>LOCATION SUBDIVISION:</b>	<b>RAILROAD MILEPOST:</b>
<b>TYPE VEHICLE INVOLVED:</b>	<b>CROSSING DEVICE TYPE:</b>
<b>DEVICE OPERATIONAL:</b> Y	

<b>DOT CROSSING NUMBER:</b>	<b>BRAKE FAILURE:</b> N
<b>TANK ABOVE GROUND:</b> ABOVE	<b>TRANSPORTABLE CONTAINER:</b>

*Continued on next page -*

# Environmental FirstSearch

## Site Detail Report

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

### RELEASES (AIR/WATER)

**SEARCH ID:** 32

**DIST/DIR:** NON GC

**MAP ID:**

**NAME:** PIER 30  
**ADDRESS:** 777 NORTH NIMITZ HWY  
HONOLULU HI  
OAHU  
**CONTACT:** (b) (6)

**REV:** 12/31/05  
**ID1:** NRC-774574  
**ID2:**  
**STATUS:** VESSEL  
**PHONE:**

**TANK REGULATED:** U  
**TANK ID:**  
**CAPACITY OF TANK UNITS:**  
**ACTUAL AMOUNT UNITS:**  
**PLATFORM LETTER:**  
**LOCATION BLOCK ID:**

**TANK REGULATED BY:**  
**CAPACITY OF TANK:**  
**ACTUAL AMOUNT:**  
**PLATFORM RIG NAME:**  
**LOCATION AREA ID:**

**DESCRIPTION OF TANK:**

**OCSG NUMBER:**  
**STATE LEASE NUMBER:**  
**BERTH SLIP NUMBER:**  
**INITIAL CONT RELEASE NUM:**  
**ALLISION:** N  
**STRUCTURE NAME:**  
**AIRBAG DEPLOYED:**  
**SERVICE DISRUPT TIME:**  
**TRANSIT BUS FLAG:**  
**CR END DATE:**

**OCSG NUMBER:**  
**PIER DOCK NUMBER:**  
**CONTIN RELEASE TYPE:**  
**CONT RELEASE PERMIT:**  
**TYPE OF STRUCTURE:**  
**STRUCT OPERATIONAL:** U  
**DATE NORMAL SERVICE:**  
**SERVICE DISRUPT UNITS:**  
**CR BEGIN DATE:**  
**CR CHANGE DATE:**

**FIRE INVOLVED:** N  
**ANY EVACUATIONS:** N  
**WHO EVACUATED:**  
**ANY INJURIES:** N  
**NUMBER HOSPITALIZED:**  
**NUMBER FATALITIES:**  
**DAMAGE AMOUNT:**  
**AIR CORRIDOR DESC:**  
**WATERWAY CLOSED:** N  
**WATERWAY CLOSURE TIME:**  
**ROAD DESC:**  
**CLOSURE DIRECTION:**

**FIRE EXTINGUISHED:** U  
**NUMBER EVACUATED:**  
**RADIUS OF EVACUATION:**  
**NUMBER INJURED:**  
**ANY FATALITIES:** N  
**ANY DAMAGES:** N  
**AIR CORRIDOR CLOSED:** N  
**AIR CLOSURE TIME:**  
**WATERWAY DESC:**  
**ROAD CLOSED:** N  
**ROAD CLOSURE TIME:**  
**MAJOR ARTERY:** N

**TRACK CLOSED:** N  
**TRACK CLOSURE TIME:**  
**MEDIUM DESC:** WATER  
**BODY OF WATER:** PACIFIC  
**NEAREST RIVER MILE MARK:**  
**EST DUR OF RELEASE:**  
**TRACK CLOSE DIR:**  
**ST AGENCY RPT NUM:** NONE  
**WEATHER CONDITIONS:** RAINY  
**WIND SPEED:**  
**WATER SUPPLY CONTAM:** U  
**SHEEN COLOR:**  
**SHEEN ODOR DESCRIPTION:**  
**CURRENT SPEED:**  
**WATER TEMPERATURE:**

**TRACK DESC:**  
**MEDIA INTEREST:** NONE  
**ADDTL MEDIUM INFO:**  
**TRIBUTARY OF:**  
**RELEASE SECURED:** N  
**RELEASE RATE:**  
**ST AGENCY ON SCENE:** NO  
**OTHER AGENCY NOTIFIED:**  
**AIR TEMPERATURE:**  
**WIND DIRECTION:**  
**SHEEN SIZE:**  
**DIR OF SHEEN TRAVEL:**  
**WAVE CONDITION:**  
**CURRENT DIRECTION:**

**DESC OF REMEDIAL ACTION:** AREA BOOMED AND SORBENTS USED

**EMPL FATALITY:**  
**COMMUNITY IMPACT:** N

**PASS FATALITY:**  
**WIND SPEED UNITS:** - Continued on next page -

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**RELEASES (AIR/WATER)**

**SEARCH ID:** 32

**DIST/DIR:** NON GC

**MAP ID:**

**NAME:** PIER 30  
**ADDRESS:** 777 NORTH NIMITZ HWY  
HONOLULU HI  
OAHU  
**CONTACT:** (b) (6)

**REV:** 12/31/05  
**ID1:** NRC-774574  
**ID2:**  
**STATUS:** VESSEL  
**PHONE:**

**EMPLOYEE INJURIES:**  
**OCCUPANT FATALITY:**  
**ROAD CLOSURE UNITS:**  
**SHEEN SIZE UNITS:**  
**FED AGENCY NOTIFIED:** NO  
**SHEEN SIZE LENGTH:**  
**SHEEN SIZE WIDTH:**  
**OFFSHORE:** N  
**RELEASE RATE UNIT:**

**PASSENGER INJURIES:**  
**CURRENT SPEED UNITS:**  
**TRACK CLOSURE UNITS:**  
**STATE AGENCY NOTIFIED:** NO  
**NEAREST RIVER MILE MARK:**  
**SHEEN SIZE LENGTH UNITS:**  
**SHEEN SIZE WIDTH UNITS:**  
**DURATION UNIT:**  
**RELEASE RATE RATE:**

**ADDITIONAL INFO:** THE CALLER HAS NO ADDITIONAL INFORMATION

**MATERIAL INFORMATION**

**CHRIS CODE:** BSS  
**UN NUMBER:**

**CASE NUMBER:** 000000-00-0  
**REACHED WATER:** YES

**NAME OF MATERIAL:** BILGE SLOPS  
**AMOUNT OF MATERIAL:** 0 UNKNOWN AMOUNT  
**AMOUNT IN WATER:** 0 UNKNOWN AMOUNT

**OTHER MATERIAL INFORMATION**

**MOBILE DETAILS INFORMATION**

**TRAIN INFORMATION**

**VESSEL INFORMATION**

**VESSEL NAME:** NAHIKU  
**VESSEL NUMBER:**  
**HULL CONSTRUCTION:**  
**FUEL ON BOARD:**  
**CARGO ON BOARD:**  
**FLAG:**  
**DRAUGHT:**

**VESSEL TYPE:** TUG  
**VESSEL LENGTH:**  
**FUEL CAPACITY:**  
**CARGO CAPACITY:**  
**VESSEL AGROUND:** N  
**BREADTH:**

# Environmental FirstSearch

## Site Detail Report

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

### RELEASES (AIR/WATER)

<b>SEARCH ID:</b> 33	<b>DIST/DIR:</b> NON GC	<b>MAP ID:</b>
<b>NAME:</b> UNKNOWN SHEEN INCIDENT	<b>REV:</b> 12/31/01	
<b>ADDRESS:</b> 79 S NIMITZ HWY HONOLULU HARBOR	<b>ID1:</b> NRC-558490	
HONOLULU HI	<b>ID2:</b>	
OAHU	<b>STATUS:</b> UNKNOWN SHEEN	
<b>CONTACT:</b> UNKNOWN	<b>PHONE:</b>	

#### SITE INFORMATION

THIS INFORMATION WAS OBTAINED FROM THE NATIONAL RESPONSE CENTER

<b>DATE RECEIVED:</b>	03-MAR-01	<b>DATE COMPLETE:</b>	03-MAR-01
<b>CALL TAKER:</b>	REC7955	<b>CALL TYPE:</b>	INC

**RESPONSIBLE PARTY:** UNKNOWN

**PHONE #1:**

**PHONE #2:**

**PHONE #3:**

**RESPONSIBLE COMPANY:**

**ORGANIZATION TYPE:** UNKNOWN

**ADDRESS:**

XX

**INITIALLY REPORTED BY:**

**PHONE:**

**INIT REPORTED COMPANY:**

**ON BEHALF OF:** N

**SOURCE:** TELEPHONE

#### INCIDENT INFORMATION

**INCIDENT DESCRIPTION:** THE CALLER HAS DISCOVERED A UNKNOWN SHEEN IN THE HONOLULU HARBOR.

<b>INCIDENT TYPE:</b>	UNKNOWN SHEEN	<b>INCIDENT CAUSE:</b> UNKNOWN
<b>INCIDENT DATE:</b>	03-MAR-01	<b>DISCOVERED</b>
<b>DISTANCE FROM CITY:</b>		<b>INCIDENT DATE DESC:</b>
<b>DIRECTION FROM CITY:</b>		<b>DISTANCE UNITS:</b>
<b>LOCATION TOWNSHIP:</b>		<b>LOCATION SECTION:</b>
<b>WMD CHEM FLAG:</b>	F	<b>LOCATION RANGE:</b>
<b>BIO FLAG:</b>	F	<b>RAD FLAG:</b>
<b>POTENTIAL_FLAG:</b>		<b>OIL FLAG:</b>
<b>MILITARY_ORG_FLAG:</b>		<b>AMT MATERIAL FLAG:</b>
		<b>LNG FLAG:</b>

<b>AIRCRAFT TYPE:</b> <b>AIRCRAFT ID:</b> <b>AIRCRAFT FUEL CAPACITY UNITS:</b> <b>AIRCRAFT FUEL ON BOARD UNITS:</b> <b>AIRCRAFT HANGER:</b> <b>ROAD MILE MARKER:</b> <b>TYPE OF FIXED OBJECT:</b> <b>GENERATING CAPACITY:</b> <b>NPDES:</b> <b>PIPELINE TYPE:</b>	<b>AIRCRAFT MODEL:</b> <b>AIRCRAFT FUEL CAPACITY:</b> <b>AIRCRAFT FUEL ON BOARD:</b> <b>AIRCRAFT SPOT NUMBER:</b> <b>AIRCRAFT RUNWAY NUM:</b> <b>BUILDING ID:</b> <b>POWER GEN FACILITY:</b> <b>TYPE OF FUEL:</b> <b>NPDES COMPLIANCE:</b> <b>DOT REGULATED:</b>
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- Continued on next page -

# Environmental FirstSearch

## Site Detail Report

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

### RELEASES (AIR/WATER)

**SEARCH ID:** 33

**DIST/DIR:** NON GC

**MAP ID:**

**NAME:** UNKNOWN SHEEN INCIDENT  
**ADDRESS:** 79 S NIMITZ HWY HONOLULU HARBOR  
HONOLULU HI  
OAHU  
**CONTACT:** UNKNOWN

**REV:** 12/31/01  
**ID1:** NRC-558490  
**ID2:**  
**STATUS:** UNKNOWN SHEEN  
**PHONE:**

**PIPELINE ABOVE GROUND:**  
**PIPELINE COVERED:**  
**GRADE CROSSING:**  
**RAILROAD MILEPOST:**  
**CROSSING DEVICE TYPE:**

**EXPOSED UNDERWATER:**  
**RAILROAD HOTLINE:**  
**LOCATION SUBDIVISION:**  
**TYPE VEHICLE INVOLVED:**  
**DEVICE OPERATIONAL:**

**DOT CROSSING NUMBER:**  
**TANK ABOVE GROUND:**  
**TANK REGULATED:**  
**TANK ID:**  
**CAPACITY OF TANK UNITS:**  
**ACTUAL AMOUNT UNITS:**  
**PLATFORM LETTER:**  
**LOCATION BLOCK ID:**

**BRAKE FAILURE:**  
**TRANSPORTABLE CONTAINER:**  
**TANK REGULATED BY:**  
**CAPACITY OF TANK:**  
**ACTUAL AMOUNT:**  
**PLATFORM RIG NAME:**  
**LOCATION AREA ID:**

**DESCRIPTION OF TANK:**

**OCSG NUMBER:**  
**STATE LEASE NUMBER:**  
**BERTH SLIP NUMBER:**  
**INITIAL CONT RELEASE NUM:**  
**ALLISION:**  
**STRUCTURE NAME:**  
**AIRBAG DEPLOYED:**  
**SERVICE DISRUPT TIME:**  
**TRANSIT BUS FLAG:**  
**CR END DATE:**

**OCSG NUMBER:**  
**PIER DOCK NUMBER:**  
**CONTIN RELEASE TYPE:**  
**CONT RELEASE PERMIT:**  
**TYPE OF STRUCTURE:**  
**STRUCT OPERATIONAL:**  
**DATE NORMAL SERVICE:**  
**SERVICE DISRUPT UNITS:**  
**CR BEGIN DATE:**  
**CR CHANGE DATE:**

**FIRE INVOLVED:** N  
**ANY EVACUATIONS:** N  
**WHO EVACUATED:**  
**ANY INJURIES:** N  
**NUMBER HOSPITALIZED:**  
**NUMBER FATALITIES:**  
**DAMAGE AMOUNT:**  
**AIR CORRIDOR DESC:**  
**WATERWAY CLOSED:** N  
**WATERWAY CLOSURE TIME:**  
**ROAD DESC:**  
**CLOSURE DIRECTION:**

**FIRE EXTINGUISHED:** U  
**NUMBER EVACUATED:**  
**RADIUS OF EVACUATION:**  
**NUMBER INJURED:**  
**ANY FATALITIES:** N  
**ANY DAMAGES:** N  
**AIR CORRIDOR CLOSED:** N  
**AIR CLOSURE TIME:**  
**WATERWAY DESC:**  
**ROAD CLOSED:** N  
**ROAD CLOSURE TIME:**  
**MAJOR ARTERY:** N

**TRACK CLOSED:** N  
**TRACK CLOSURE TIME:**  
**MEDIUM DESC:** WATER  
**BODY OF WATER:** HONOLULU HARBOR  
**NEAREST RIVER MILE MARK:**  
**EST DUR OF RELEASE:**  
**TRACK CLOSE DIR:**  
**ST AGENCY RPT NUM:**  
**WEATHER CONDITIONS:** CLEAR  
**WIND SPEED:**  
**WATER SUPPLY CONTAM:** N  
**SHEEN COLOR:**

**TRACK DESC:**  
**MEDIA INTEREST:** NONE  
**ADDTL MEDIUM INFO:** HONOLULU HARBOR  
**TRIBUTARY OF:** PACIFIC OCEAN  
**RELEASE SECURED:** U  
**RELEASE RATE:**  
**ST AGENCY ON SCENE:**  
**OTHER AGENCY NOTIFIED:**  
**AIR TEMPERATURE:** 82  
**WIND DIRECTION:**  
**SHEEN SIZE:**  
**DIR OF SHEEN TRAVEL:**

- Continued on next page -

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**RELEASES (AIR/WATER)**

**SEARCH ID:** 33

**DIST/DIR:** NON GC

**MAP ID:**

**NAME:** UNKNOWN SHEEN INCIDENT  
**ADDRESS:** 79 S NIMITZ HWY HONOLULU HARBOR  
HONOLULU HI  
OAHU  
**CONTACT:** UNKNOWN

**REV:** 12/31/01  
**ID1:** NRC-558490  
**ID2:**  
**STATUS:** UNKNOWN SHEEN  
**PHONE:**

**SHEEN ODOR DESCRIPTION:**

NO SHEEN INFORMATION

**WAVE CONDITION:**

**CURRENT SPEED:**

**CURRENT DIRECTION:**

**WATER TEMPERATURE:**

**DESC OF REMEDIAL ACTION:**

NONE

**EMPL FATALITY:**

**COMMUNITY IMPACT:**

N

**EMPLOYEE INJURIES:**

**OCCUPANT FATALITY:**

**ROAD CLOSURE UNITS:**

**SHEEN SIZE UNITS:**

**FED AGENCY NOTIFIED:**

**TYPE OF STRUCTURE:**

**STRUCTURE OPERATIONAL:**

**SHEEN SIZE LENGTH:**

N

**SHEEN SIZE WIDTH:**

**OFFSHORE:**

**RELEASE RATE UNIT:**

**PASS FATALITY:**

**WIND SPEED UNITS:**

**PASSENGER INJURIES:**

**CURRENT SPEED UNITS:**

**TRACK CLOSURE UNITS:**

**STATE AGENCY NOTIFIED:**

**STRUCTURE NAME:**

**ALLISION:**

**NEAREST RIVER MILE MARK:**

**SHEEN SIZE LENGTH UNITS:**

**SHEEN SIZE WIDTH UNITS:**

**DURATION UNIT:**

**RELEASE RATE RATE:**

**ADDITIONAL INFO:**

THE CALLER HAD NO ADDITIONAL INFORMATION.

**MATERIAL INFORMATION**

**CHRIS CODE:**

OUN

**CASE NUMBER:**

000000-00-0

**UN NUMBER:**

**REACHED WATER:**

YES

**NAME OF MATERIAL:**

UNKNOWN OIL

**AMOUNT OF MATERIAL:**

0 UNKNOWN AMOUNT

**AMOUNT IN WATER:**

0 UNKNOWN AMOUNT

**OTHER MATERIAL INFORMATION**

**MOBILE DETAILS INFORMATION**

**TRAIN INFORMATION**

**VESSEL INFORMATION**

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**TOWERS**

<b>SEARCH ID:</b> 40	<b>DIST/DIR:</b> NON GC	<b>MAP ID:</b>
----------------------	-------------------------	----------------

<b>NAME:</b> VOICESTREAM PCS III CORPORATION <b>ADDRESS:</b> 515 MAIN STREET, HICKMAN AIR FORCE BASE HONOLULU HI  <b>CONTACT:</b>	<b>REV:</b> 01/04/04 <b>ID1:</b> 1222202 <b>ID2:</b> <b>STATUS:</b> ASR <b>PHONE:</b>
---	---

**ANTENNA STRUCTURE REGISTRATION**

The Antenna Structure Registration database contains antenna structures that generally are more than 60.96 meters(200 feet) in height or are located near an airport

<b>DATE ENTERED:</b>	8/22/2002
<b>DATE RECEIVED:</b>	8/22/2002
<b>DATE ISSUED:</b>	2/1/2001
<b>DATE CONSTRUCTED:</b>	08/15/2002
<b>DATE DISMANTLED:</b>	
<b>HEIGHT OF STRUCTURE:</b>	30.5
<b>GROUND ELEVATION:</b>	6.1
<b>OVERALL HEIGHT ABOVE GROUND:</b>	30.5
<b>OVERALL HEIGHT AMSL:</b>	36.6
<b>STRUCTURE TYPE:</b>	TOWER
<b>FAA STUDY NUMBER:</b>	00-AWP-3607-OE
<b>DATE OF FAA DETERMINATION:</b>	1/19/2001



***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

**JOB:** 442221

**TOWERS**

**SEARCH ID:** 39

**DIST/DIR:** NON GC

**MAP ID:**

**NAME:** PHILLIP RAY ANTOINE  
**ADDRESS:** CENTURY CTR 1750 KALAKAUA AVE  
HONOLULU HI

**REV:** 01/04/04  
**ID1:** 1005766  
**ID2:**  
**STATUS:** ASR  
**PHONE:**

**CONTACT:**

**ANTENNA STRUCTURE REGISTRATION**

The Antenna Structure Registration database contains antenna structures that generally are more than 60.96 meters(200 feet) in height or are located near an airport

**DATE ENTERED:** 6/26/2002  
**DATE RECEIVED:** 6/26/2002  
**DATE ISSUED:** 6/26/2002  
**DATE CONSTRUCTED:** 04/28/1978  
**DATE DISMANTLED:**  
**HEIGHT OF STRUCTURE:** 114.3  
**GROUND ELEVATION:** 1.8  
**OVERALL HEIGHT ABOVE GROUND:** 152.4  
**OVERALL HEIGHT AMSL:** 154.2  
**STRUCTURE TYPE:** B  
**FAA STUDY NUMBER:** 77-APC-16-OE  
**DATE OF FAA DETERMINATION:** 6/6/1977

## **Environmental FirstSearch Database Descriptions**

**NPL:** *EPA* NATIONAL PRIORITY LIST - Database of confirmed, proposed or deleted Superfund sites.

**CERCLIS:** *EPA* COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM - Database of current and potential Superfund sites currently or previously under investigation.

**NFRAP:** *EPA* COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM ARCHIVED SITES - database of Archive designated CERCLA sites that, to the best of EPA's knowledge, assessment has been completed and has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

**RCRA TSD:** *EPA* RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM TREATMENT, STORAGE, and DISPOSAL FACILITIES. - Database of facilities licensed to store, treat and dispose of hazardous waste materials.

**RCRA COR:** *EPA* RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of RCRA facilities with reported violations and subject to corrective actions.

**RCRA GEN:** *EPA* RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of facilities that generate or transport hazardous waste or meet other RCRA requirements. LGN - Large Quantity Generators SGN - Small Quantity Generators VGN – Conditionally Exempt Generator. Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List) facilities.

**RCRA NLR:** *EPA* RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of facilities not currently classified by the EPA but are still included in the RCRIS database. Reasons for non classification: Failure to report in a timely matter. No longer in business. No longer in business at the listed address. No longer generating hazardous waste materials in quantities which require reporting.

**ERNS:** *EPA/NRC* EMERGENCY RESPONSE NOTIFICATION SYSTEM - Database of emergency response actions. Data since January 2001 has been received from the National Response System database as the EPA no longer maintains this data.

**NPDES:** *EPA* THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM - Database of permitted facilities receiving and discharging effluents to and from a natural source where treatment of the effluent is monitored.

**FINDS:** *EPA* FACILITY INDEX SYSTEM(FINDS)/FACILITY REGISTRY SYSTEM(FRS) - The index of identification numbers associated with a property or facility which the EPA has investigated or has been made aware of in conjunction with various regulatory programs. Each record indicates the EPA office that may have files on the site or facility. A Facility Registry System site has an FRS in the status field.

**TRIS:** *EPA* TOXIC RELEASE INVENTORY SYSTEM - Database of all facilities that have had or may be prone to toxic material releases.

**REG UST/AST:** *HI DOH* UNDERGROUND STORAGE TANKS- The Hawaii Department of Health's inventory of underground storage tanks.

**LEAKING UST:** *HI DOH* LEAKING UNDERGROUND STORAGE TANKS-The Hawaii Department of Health's inventory of sites with leaking underground storage tanks.

**WETLANDS:** *US FWS* NATIONAL WETLANDS INVENTORY (NWI) - database of information on the characteristics, extent, and status of the Nation's wetlands and deepwater habitats. This data is available for select areas of the United States.

**FLOODPLAINS:** *FEMA* FLOODPLAINS – database of 100 year and 500 year flood zone boundaries for select counties in the United States

**NUCLEAR PERMITS:** *EPA/NRC* PERMITTED NUCLEAR FACILITIES THE RADINFO DATABASE - Database of basic information about facilities that are permitted and regulated for their use and handling of radioactive materials.

**HISTORIC/LANDMARK:** *NPS* NATIONAL REGISTRY OF HISTORIC PLACES DATABASE - The nation's official list of cultural resources worthy of preservation. Properties listed include districts, sites, buildings, structures, and objects that are significant in American history, architecture, archeology, engineering, and culture.

**FEDERAL LAND USE:** *USGS/EPA* FEDERAL LANDS OF THE UNITED STATES - Database of lands owned or administered by the Federal Government, including the Bureau of Land Management, the Bureau of Reclamation, the U.S. Department of Agriculture Forest Service, the Department of Defense, the U.S. Fish and Wildlife Service, the National Park Service, the Tennessee Valley Authority, and other agencies. Only areas of 640 acres or more are included. Descriptive information includes the name and type of the Federal land and the administering agency. INDIAN LANDS OF THE UNITED STATES - Areas administered by the Bureau of Indian Affairs shows areas of 640 acres or more, administered by the Bureau of Indian Affairs. Included are Federally-administered lands within a reservation which may or may not be considered part of the reservation. ENDANGERED SPECIES PROTECTION PROGRAM DATABASE – List of the Endangered Species by county and the species status.

**FEDERAL WELLS:** *USGS* UNITED STATES GROUND-WATER SITES INVENTORY - Database of more than 850,000 records of wells, springs, test holes, tunnels, drains, and excavations in the United States.

**RELEASES(AIR/WATER):** *EPA/NRC* AIR AND SURFACE WATER RELEASES - A subset of the ERNSNational Response System database which have impacted only the air or surface water.

**HMIRS:** *US DOT* HAZARDOUS MATERIALS INCIDENT RESPONSE SYSTEM - Database of information regarding materials, packaging, and a description of events for tracked incidents.

**NCDB:** *EPA* NATIONAL COMPLIANCE DATA BASE SYSTEM - Database of regional compliance and enforcement activity and manages the Pesticides and Toxic Substances Compliance and Enforcement program at a national level. The system tracks all compliance monitoring and enforcement activities from the time an inspector conducts and inspection until the time the inspector closes or the case settles the enforcement action. NCDB is the national repository of the 10 regional and Headquarters FIFRA/TSCA Tracking System (FTTS). Data collected in the regional FTTS is transferred to NCDB to support the need for monitoring national performance of regional programs.

**TOWERS:** *FAA/ FCC* Tower - database encompasses three sources of information from the Federal Aviation Administration and the Federal Communications Commission. FAA data includes the Digital Obstacle File which contains obstruction data for man made objects that affect domestic aeronautical charting products. FCC data includes the Wireless Telecommunication Bureau's Universal Licensing System which contains the Antenna Structure Database and the Cellular Tower Database. FCC data also includes the Mass Media Bureau's Consolidated Database System which includes engineering data for AM, FM, and Television broadcasting stations.

**PADS:** *EPA* DATABASE OF PCB HANDLERS - Database of PolyChlorinatedBiPhenol generators, transporters, storers and/or disposers that are required to register with the EPA. This database indicates the type of handler and registration number. Also included is the PCB Transformer Registration Database.

**RADON:** *NTIS* NATIONAL RADON DATABASE - EPA radon data from 1990-1991 national radon project collected for a variety of zip codes across the United States.

## Environmental FirstSearch Database Sources

**NPL:** *EPA* Environmental Protection Agency

*Updated quarterly*

**CERCLIS:** *EPA* Environmental Protection Agency

*Updated quarterly*

**NFRAP:** *EPA* Environmental Protection Agency.

*Updated quarterly*

**RCRA TSD:** *EPA* Environmental Protection Agency.

*Updated quarterly*

**RCRA COR:** *EPA* Environmental Protection Agency.

*Updated quarterly*

**RCRA GEN:** *EPA* Environmental Protection Agency.

*Updated quarterly*

**RCRA NLR:** *EPA* Environmental Protection Agency

*Updated quarterly*

**ERNS:** *EPA/NRC* Environmental Protection Agency

*Updated semi-annually*

**NPDES:** *EPA* Environmental Protection Agency

*Updated quarterly*

**FINDS:** *EPA* Environmental Protection Agency

*Updated annually*

**TRIS:** *EPA* Environmental Protection Agency.

*Updated quarterly*

**REG UST/AST:** *HI DOH* The Hawaii Department of Health, Solid and Hazardous Waste Branch

*Updated biannually*

**LEAKING UST:** *HI DOH* The Hawaii Department of Health, Solid and Hazardous Waste Branch

*Updated biannually*

**WETLANDS:** *US FWS* U.S. Fish and Wildlife Service

*Updated when available*

**FLOODPLAINS:** *FEMA* Federal Emergency Management Agency

*Updated when available*

**NUCLEAR PERMITS:** *EPA/NRC* Nuclear Regulatory Commission

*Updated periodically*

**HISTORIC/LANDMARK:** *NPS* National Park Service

*Updated annually*

**FEDERAL LAND USE:** *USGS/EPA* U.S. Geological Survey

*Updated annually*

**FEDERAL WELLS:** *USGS* United States Geographical Survey.

*Updated annually*

**RELEASES(AIR/WATER):** *EPA/NRC* Environmental Protection Agency

*Updated semi-annually*

**HMIRS:** *US DOT* US Department of Transportation

*Updated quarterly*

**NCDB:** *EPA* Environmental Protection Agency

*Updated quarterly*

**TOWERS:** *FAA/FCC* Federal Aviation Administration

*Updated*

**PADS:** *EPA* Environmental Protection Agency

*Updated quarterly*

**RADON:** *NTIS* Environmental Protection Agency, National Technical Information Services

*Updated periodically*

***Environmental FirstSearch***  
***Street Name Report for Streets within .25 Mile(s) of Target Property***

**TARGET SITE:** HALE MOKU NAVAL FAMILY HOUSING  
HONOLULU HI 96818

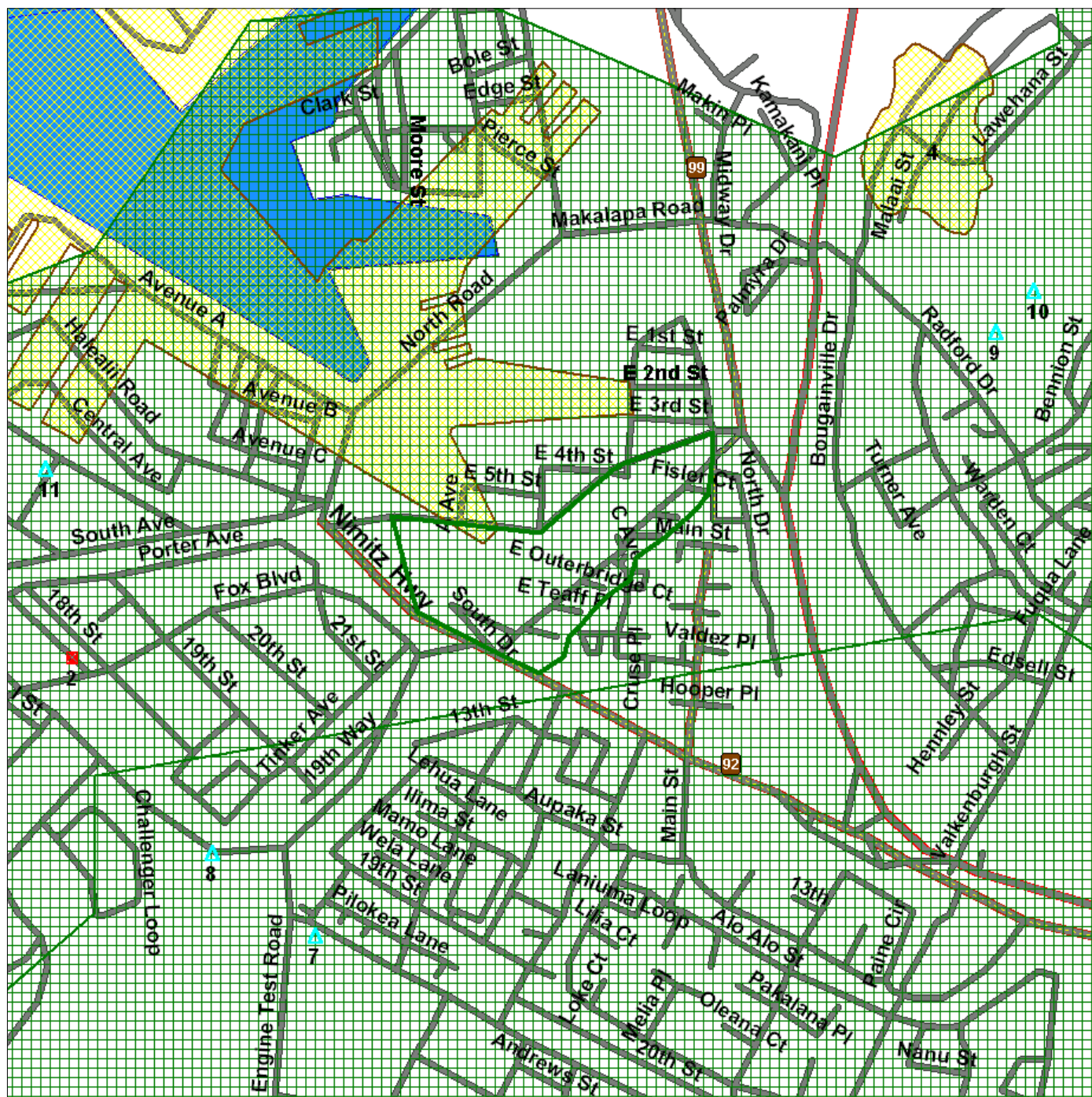
**JOB:** 442221

Street Name	Dist/Dir	Street Name	Dist/Dir
12th St	0.13 NW	Gardner Ave	0.17 SW
13th St	0.07 SW	Halealii Rd	0.09 NW
14th St	0.25 SE	Hancock Pl	0.12 SE
19th Way	0.14 SW	Honohono St	0.07 SW
20th St	0.19 SW	Hooper Pl	0.20 SE
21st St	0.10 SW	I-H-1	0.11 SE
6th St	0.00 --	Ilima St	0.25 SW
7th St	0.08 SE	Kamehameha Hwy	0.04 NE
A Ave	0.00 --	Kokomalei St	0.16 SE
Aupaka St	0.17 SW	Kopiko St	0.20 SE
Avenue A	0.15 NW	Kuntz Ave	0.05 SW
Avenue B	0.16 NW	Leal Pl	0.05 SE
Avenue C	0.14 NW	Lehua Ln	0.21 SW
B Ave	0.00 --	Mack Pl	0.11 SE
Benoit Pl	0.17 SE	Main St	0.00 --
Bougainville Dr	0.18 SE	McKeen Pl	0.01 SE
C Ave	0.00 --	Melick Ave	0.04 SE
Center Dr	0.00 --	Nimitz Hwy	0.00 --
Cruse Pl	0.10 SE	NOCOVERAGE	0.00 --
E 10th St	0.07 SE	North Dr	0.01 SE
E 1st St	0.11 NW	North Rd	0.09 NW
E 2nd St	0.06 NW	Orlando Pl	0.07 SE
E 3rd St	0.01 NW	Palmyra Dr	0.17 NE
E 4th St	0.00 --	Plantation Dr	0.00 --
E 5th St	0.03 NW	Porter Ave	0.12 SW
E 6th St	0.00 --	Powell Loop	0.00 --
E 7th St	0.00 --	Puuloa Cir	0.25 SW
E 8th St	0.00 --	Smith Cir	0.04 SE
EAST 10th St	0.07 SE	South Ave	0.09 NW
EAST 1st St	0.11 NW	South Dr	0.00 --
EAST 2nd St	0.06 NW	Stommes Pl	0.05 SE
EAST 3rd St	0.01 NW	Tarawa Dr	0.17 NE
EAST 4th St	0.00 --	Teague Pl	0.09 SE
EAST 5th St	0.03 NW	Tinker Ave	0.04 SW
EAST 6th St	0.00 --	Turner Ave	0.23 SE
EAST 7th St	0.00 --	Valdez Pl	0.15 SE
EAST 8th St	0.00 --	Waianae Cir	0.11 SE
Fox Blvd	0.00 --		





## HALE MOKU NAVAL FAMILY HOUSING, HONOLULU HI 96818



*Source: U.S. Census TIGER Files*

Area Polygon .....

Identified Site, Multiple Sites, Receptor .....

NPL, Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste .....

National Historic Sites and Landmark Sites .....

Railroads .....

Area of Critical Environmental Concern (ACEC), Protected Open Spaces  
Estimated Habitats of Rare Wetlands Wildlife, Vernal Pool .....  
Floodplains: 100 Year, 500 Year .....  
Wetlands .....  
Fed. Land Use: Wilderness Areas, Wildlife Preserves .....  
Fed. Land Use: Amer. Indian Sacred Sites, Endangered Species' Habitats.....  
Federal Wells .....

A 6x2 grid of rectangles. The first four rows contain rectangles with the following patterns: 1. Diagonal lines from top-left to bottom-right. 2. Horizontal lines. 3. Vertical lines. 4. Diagonal lines from top-right to bottom-left. The fifth and sixth rows contain rectangles with the following patterns: 5. Diagonal lines from top-left to bottom-right. 6. Horizontal lines. To the right of the fifth and sixth rows are empty boxes for labeling.



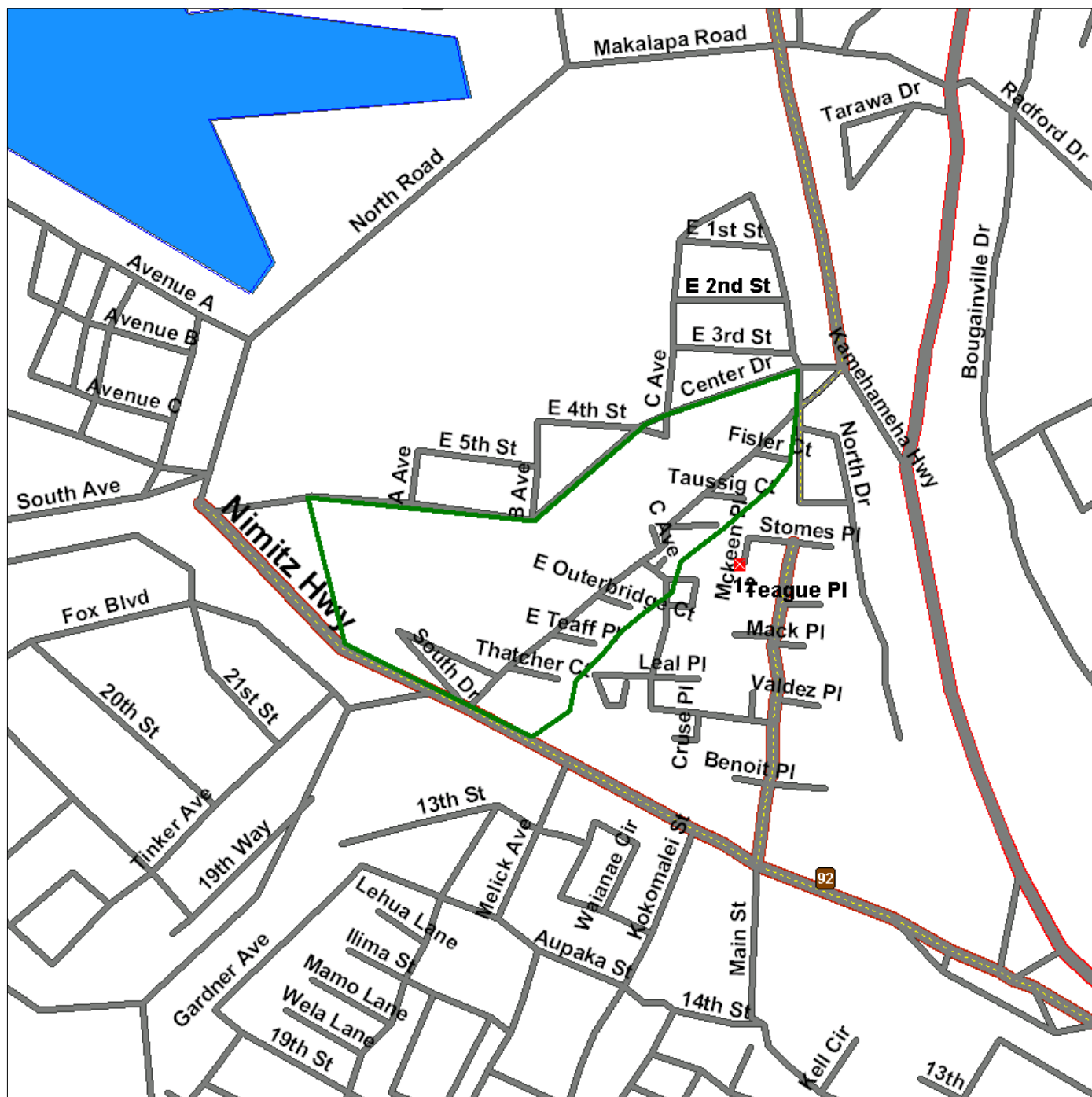
# Environmental FirstSearch

.25 Mile Radius from Area

ASTM: Multiple Databases



## HALE MOKU NAVAL FAMILY HOUSING, HONOLULU HI 96818

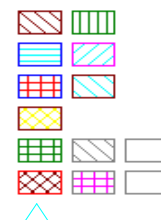


Source: U.S. Census TIGER Files

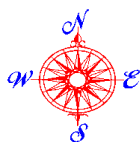
Area Polygon .....  
Identified Site, Multiple Sites, Receptor .....  
NPL, Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste .....  
National Historic Sites and Landmark Sites .....  
Railroads .....



Area of Critical Environmental Concern (ACEC), Protected Open Spaces .....  
Estimated Habitats of Rare Wetlands Wildlife, Vernal Pool .....  
Floodplains: 100 Year, 500 Year .....  
Wetlands .....  
Fed. Land Use: Wilderness Areas, Wildlife Preserves .....  
Fed. Land Use: Amer. Indian Sacred Sites, Endangered Species' Habitats.. .....  
Federal Wells .....







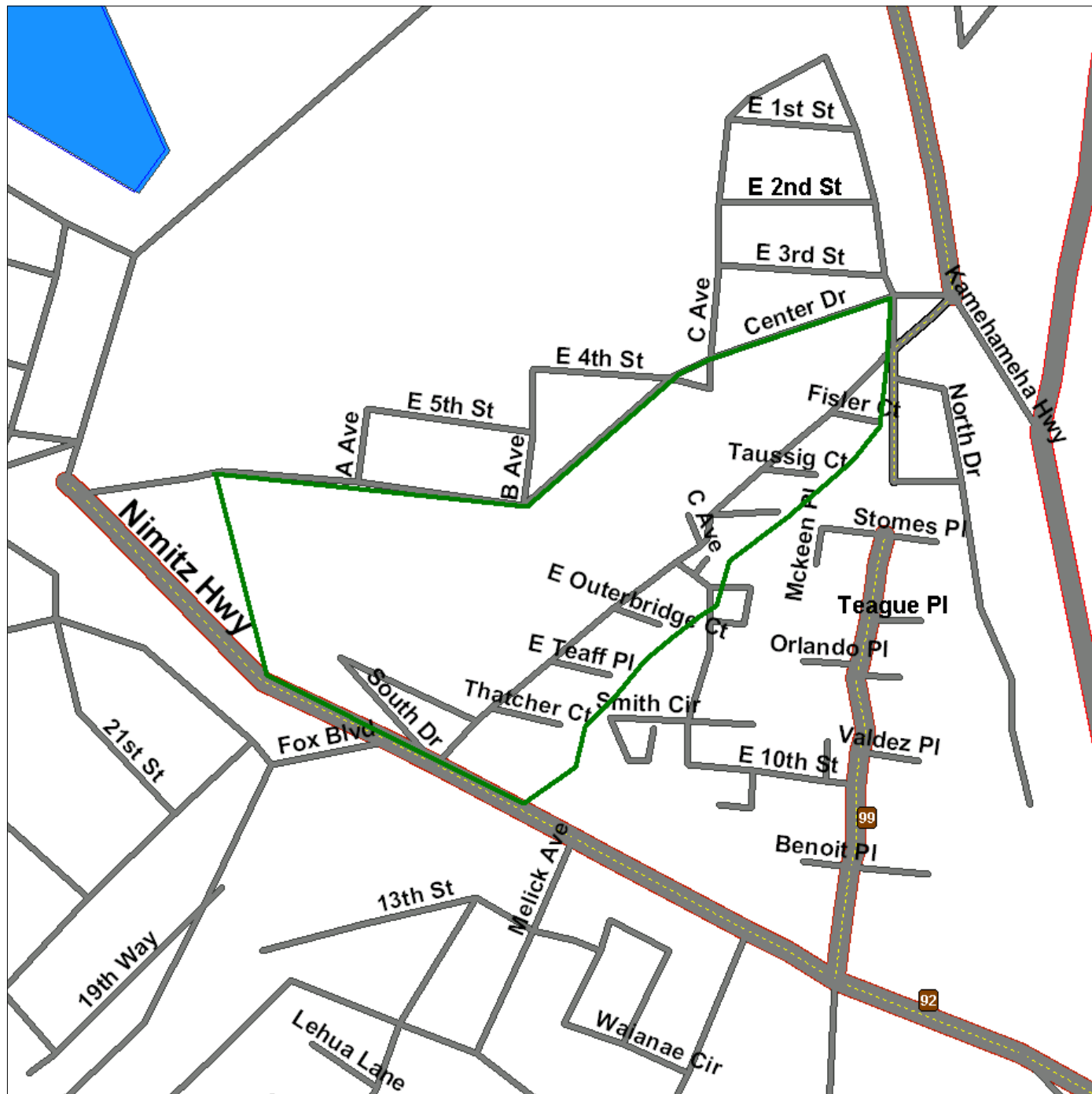
## Environmental FirstSearch

.12 Mile Radius from Area

ASTM: NFRAP, ERNS, RCRANLR, RELEASES, HMIRS



### HALE MOKU NAVAL FAMILY HOUSING, HONOLULU HI 96818

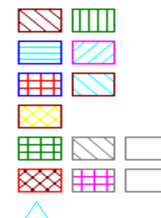


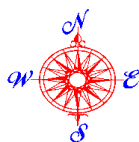
Source: U.S. Census TIGER Files

Area Polygon .....  
Identified Site, Multiple Sites, Receptor .....  
NPL, Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste .....  
National Historic Sites and Landmark Sites .....  
Railroads .....



Area of Critical Environmental Concern (ACEC), Protected Open Spaces .....  
Estimated Habitats of Rare Wetlands Wildlife, Vernal Pool .....  
Floodplains: 100 Year, 500 Year .....  
Wetlands .....  
Fed. Land Use: Wilderness Areas, Wildlife Preserves .....  
Fed. Land Use: Amer. Indian Sacred Sites, Endangered Species' Habitats.. .....  
Federal Wells .....



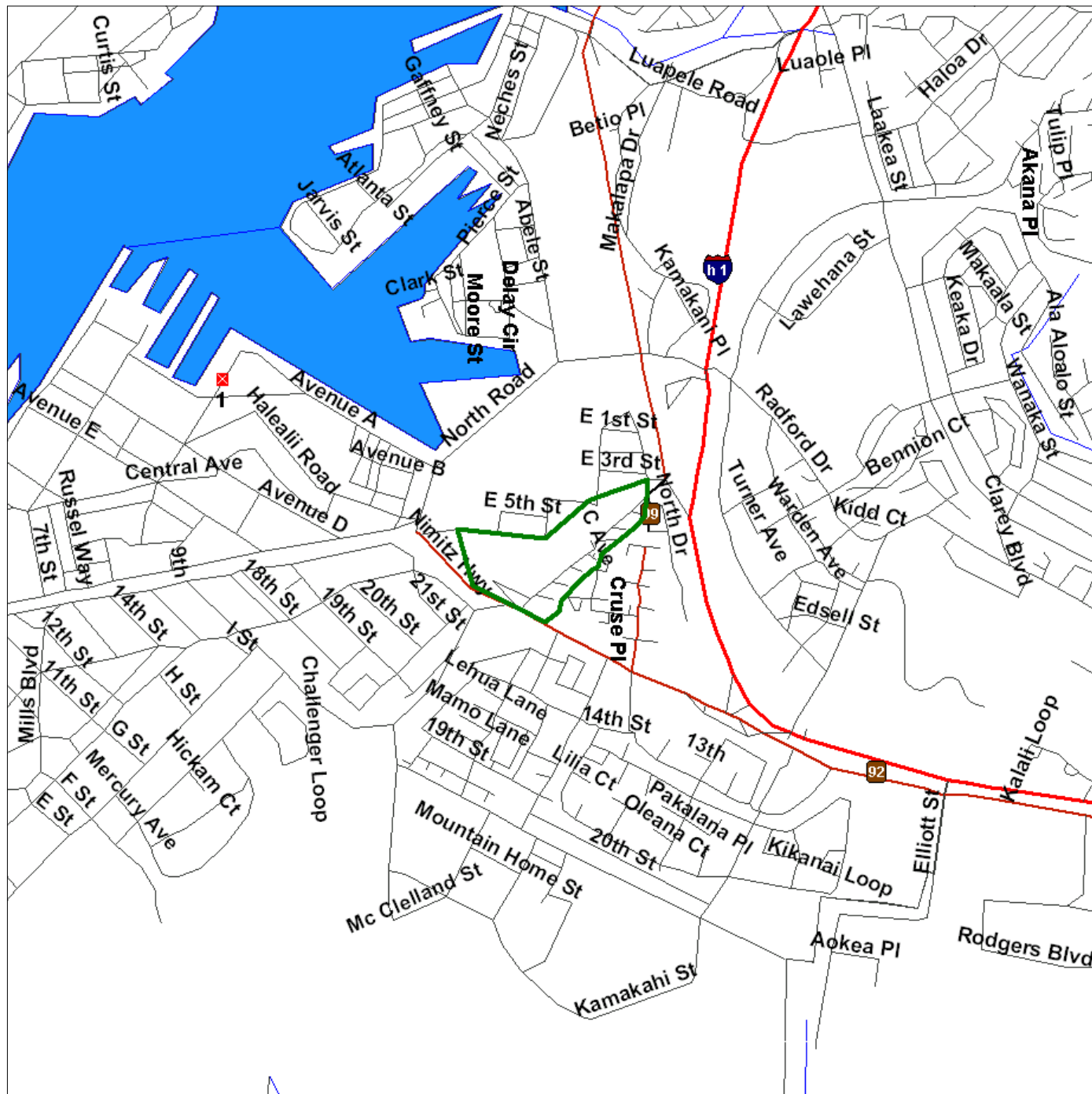


# Environmental FirstSearch

1 Mile Radius from Area  
ASTM Map: NPL, RCRA COR, STATE Sites

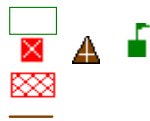


## HALE MOKU NAVAL FAMILY HOUSING, HONOLULU HI 96818

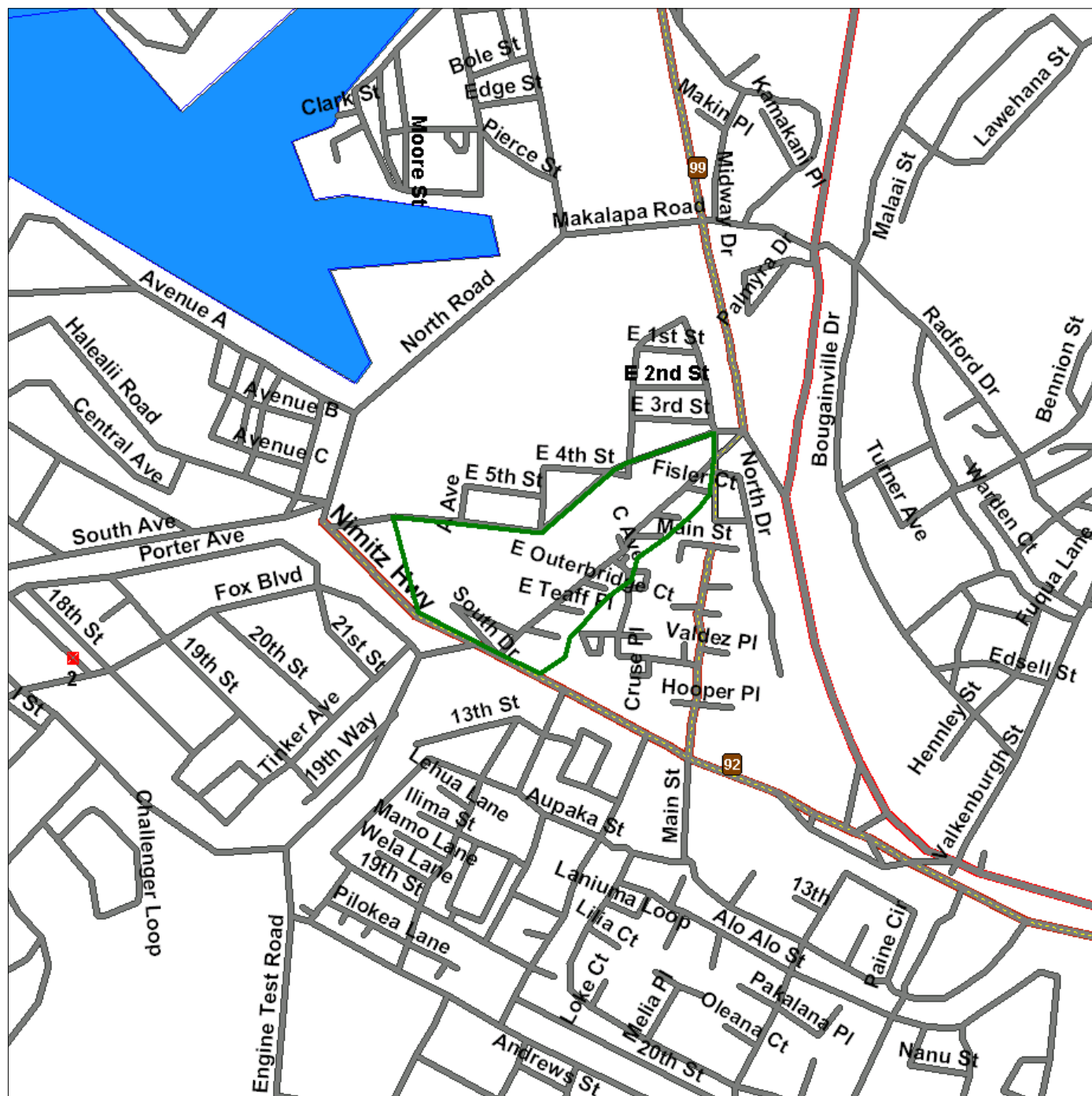


Source: U.S. Census TIGER Files

Area Polygon .....  
Identified Site, Multiple Sites, Receptor .....  
NPL, Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste .....  
Railroads .....



## HALE MOKU NAVAL FAMILY HOUSING, HONOLULU HI 96818



*Source: U.S. Census TIGER Files*

Area Polygon .....  
 Identified Site, Multiple Sites, Receptor .....  
 NPL, Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste  
 Railroads .....

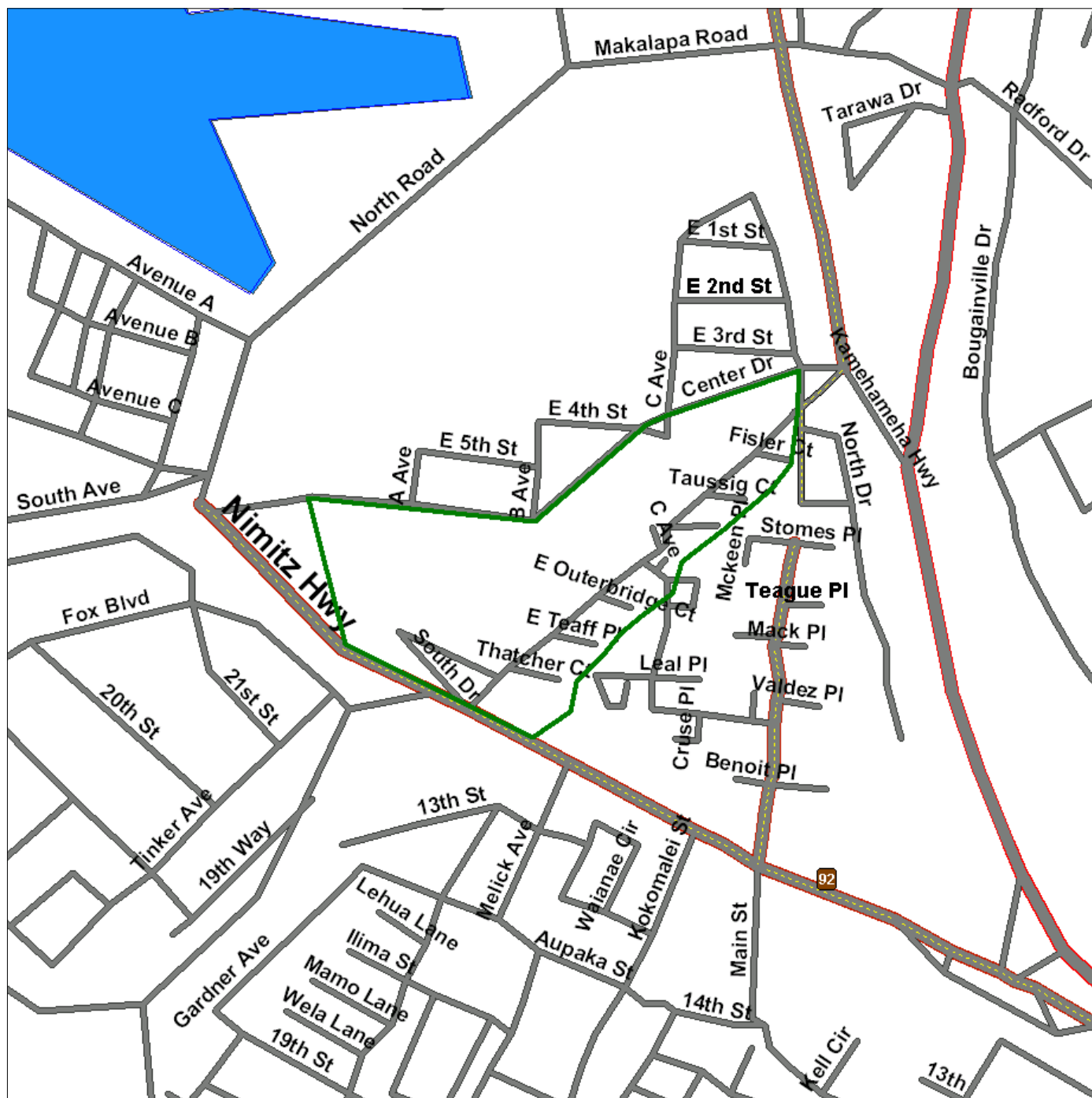


## Environmental FirstSearch

.25 Mile Radius from Area  
ASTM Map: RCRAGEN, ERNS, UST



### HALE MOKU NAVAL FAMILY HOUSING, HONOLULU HI 96818

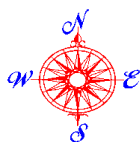


Source: U.S. Census TIGER Files

Area Polygon .....  
Identified Site, Multiple Sites, Receptor .....  
NPL, Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste .....  
Railroads .....







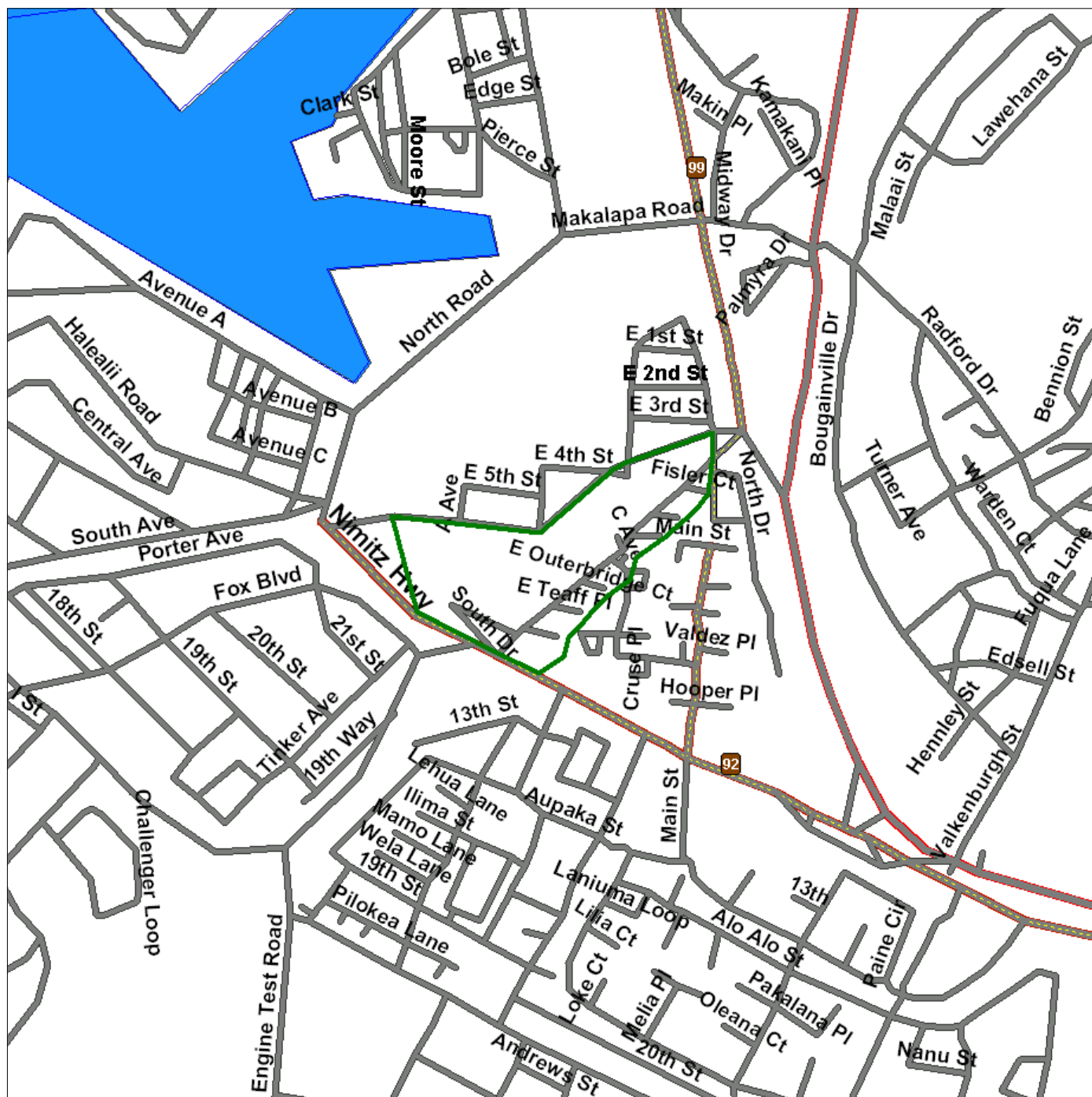
## Environmental FirstSearch

.5 Mile Radius from Area

ASTM AAI Map: Brownfield



### HALE MOKU NAVAL FAMILY HOUSING, HONOLULU HI 96818

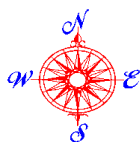


Source: U.S. Census TIGER Files

Area Polygon .....  
Brownfield.....  
Railroads .....





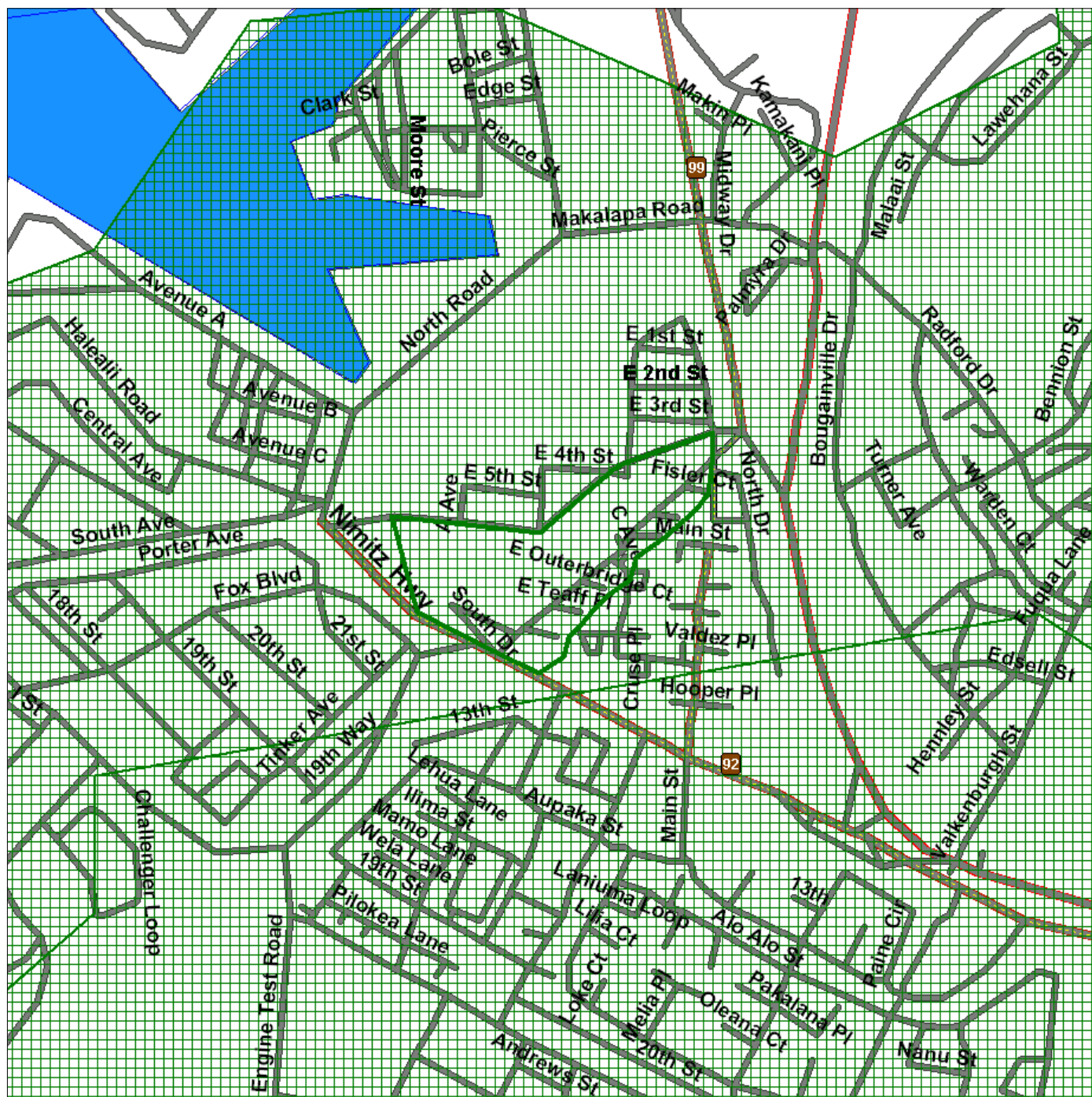


# Environmental FirstSearch

.5 Mile Radius from Area  
ASTM AAI Map: Federal Land Use Sites

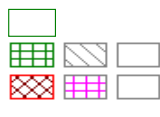


## HALE MOKU NAVAL FAMILY HOUSING, HONOLULU HI 96818



Source: U.S. Census TIGER Files

Area Polygon .....  
Fed. Land Use: Wilderness Areas, Wildlife Preserves .....  
Fed. Land Use: Amer. Indian Sacred Sites, End. Species' Habitats...  
Railroads .....



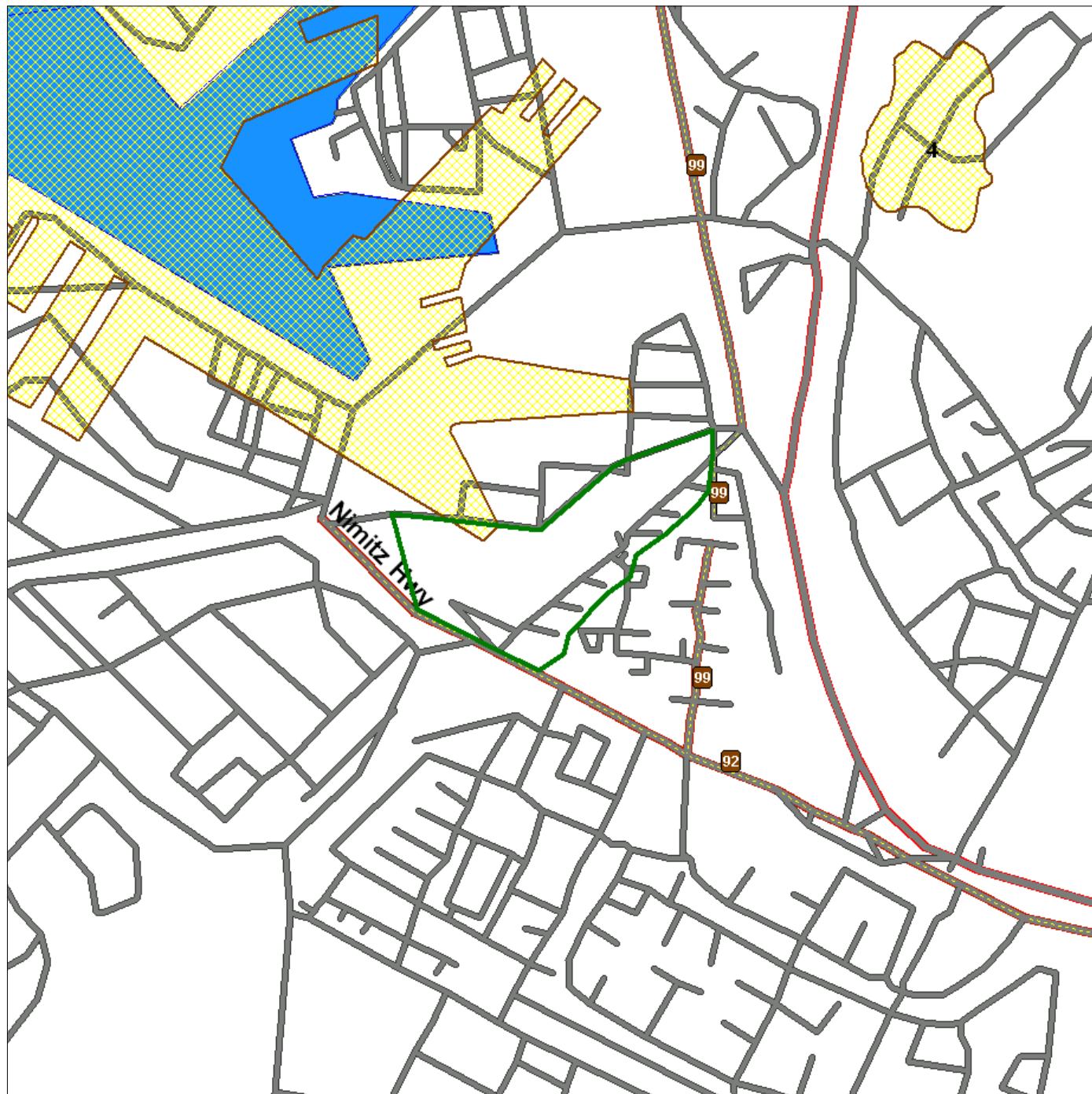


## Environmental FirstSearch

.5 Mile Radius from Area  
NEPA Map: WETLANDS



### HALE MOKU NAVAL FAMILY HOUSING, HONOLULU HI 96818



Source: U.S. Census TIGER Files

Area Polygon .....  
Identified Site, Multiple Sites, Receptor .....  
Wetlands .....  
Railroads .....



Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius



## Environmental FirstSearch

.5 Mile Radius from Area  
NEPA Map: FLOODPLAINS



### HALE MOKU NAVAL FAMILY HOUSING, HONOLULU HI 96818



Source: U.S. Census TIGER Files

Area Polygon .....	
Identified Site, Multiple Sites, Receptor .....	
Floodplains: 100 Year, 500 Year .....	
Railroads .....	

Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius





## Environmental FirstSearch

.5 Mile Radius from Area  
NEPA Map: ACEC SITES



### HALE MOKU NAVAL FAMILY HOUSING, HONOLULU HI 96818



Source: U.S. Census TIGER Files

Area Polygon .....	
Receptor .....	
Area of Critical Environmental Concern (ACEC), Protected Open Spaces .....	
Railroads .....	

Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius



## Environmental FirstSearch

.5 Mile Radius from Area  
NEPA Map: HISTORIC SITES



### HALE MOKU NAVAL FAMILY HOUSING, HONOLULU HI 96818



Source: U.S. Census TIGER Files

Area Polygon .....	
Receptor .....	
National Historic Sites and Landmark Sites .....	
Railroads .....	

Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius



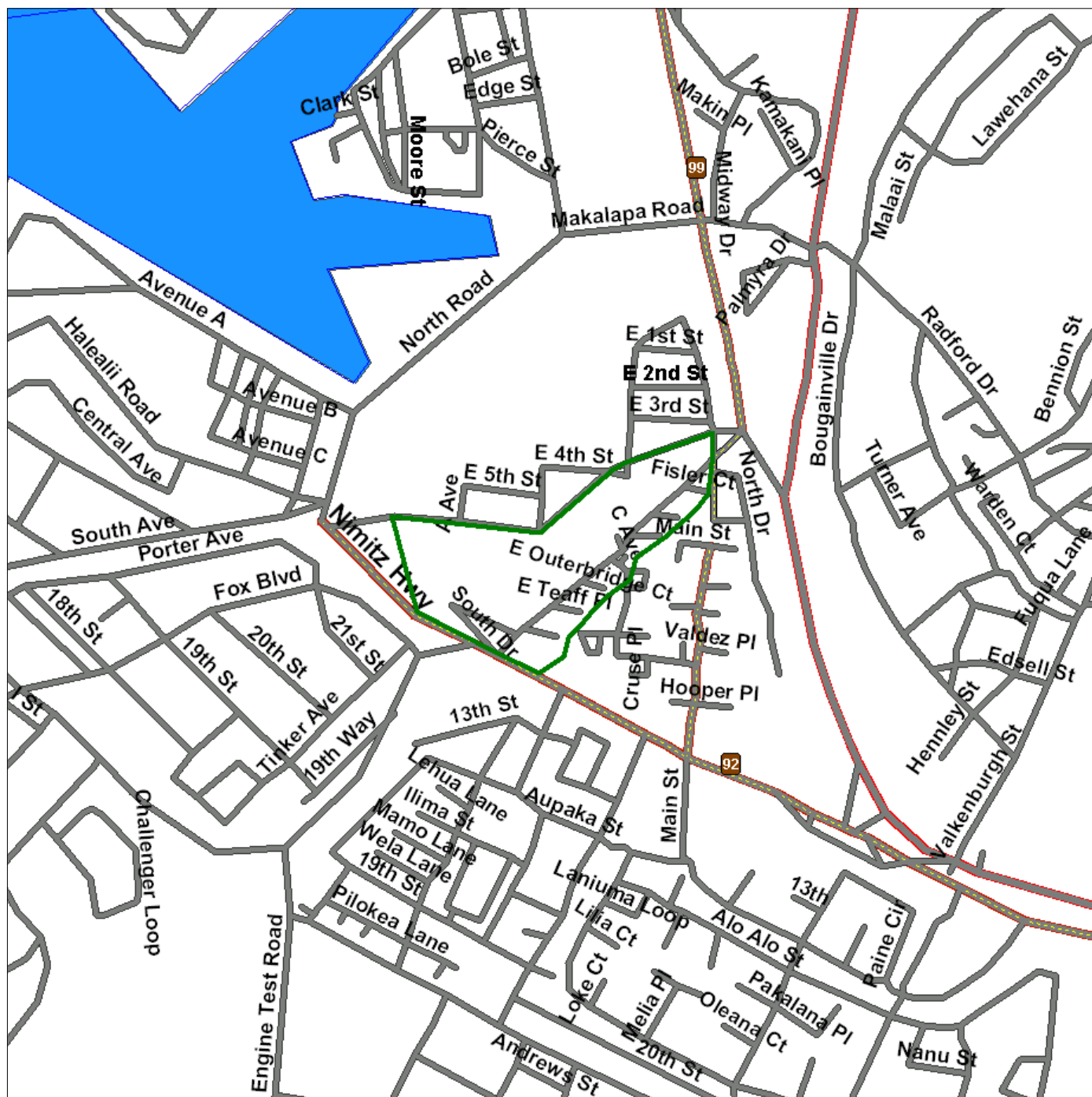
## Environmental FirstSearch

.5 Mile Radius from Area

NEPA Map: LANDUSE



### HALE MOKU NAVAL FAMILY HOUSING, HONOLULU HI 96818



Source: U.S. Census TIGER Files

Area Polygon .....		
Receptor .....		
Fed. Land Use: Wilderness Areas .....		
Fed. Land Use: Wildlife Preserves .....		
Fed. Land Use: Amer. Indian Sacred Sites.....		
Fed. Land Use: Endangered Species' Habitats.....		
Railroads .....		

Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius

**TRACK ► INFO SERVICES, LLC**

# **Environmental FirstSearch™ Report**

**TARGET PROPERTY:**

**HONOLULU HI 96818**

Job Number: 442221

**PREPARED FOR:**

Parsons

100 West Walnut Street

Pasadena, CA 91124

08-07-06



*Tel: (866) 664-9981*

*Fax: (818) 249-4227*

# ***Environmental FirstSearch Search Summary Report***

## **Target Site:**

HONOLULU HI 96818

### **FirstSearch Summary**

<b>Database</b>	<b>Sel</b>	<b>Updated</b>	<b>Radius</b>	<b>Site</b>	<b>1/8</b>	<b>1/4</b>	<b>1/2</b>	<b>1/2&gt;</b>	<b>ZIP</b>	<b>TOTALS</b>
NFRAP	Y	06-08-06	0.50	0	0	0	0	-	0	0
Brownfield	Y	10-18-05	0.50	0	0	0	0	-	0	0
- TOTALS -				0	0	0	0	0	0	0

### **Notice of Disclaimer**

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to TRACK Info Services, certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in TRACK Info Services's databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

### **Waiver of Liability**

Although TRACK Info Services uses its best efforts to research the actual location of each site, TRACK Info Services does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of TRACK Info Services's services proceeding are signifying an understanding of TRACK Info Services's searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.



***Environmental FirstSearch  
Site Information Report***

**Request Date:** 08-07-06  
**Requestor Name:** (b) (6)  
**Standard:** ASTM

**Search Type:** AREA  
**Job Number:** 442221

**Filtered Report**

**TARGET ADDRESS:**

HONOLULU HI 96818

*Demographics*

<b>Sites:</b> 0	<b>Non-Geocoded:</b> 0	<b>Population:</b> NA
<b>Radon:</b> -1.2 - 4.8 PCI/L		

*Site Location*

	<u>Degrees (Decimal)</u>	<u>Degrees (Min/Sec)</u>		<u>UTMs</u>
<b>Longitude:</b>	-157.941557	-157:56:30	<b>Easting:</b>	609750.697
<b>Latitude:</b>	21.349865	21:20:60	<b>Northing:</b>	2361099.039
			<b>Zone:</b>	4

*Comment*

<b>Comment:</b> RE-RUN FOR ASTM E 1527-05 DISTANCES
---

*Additional Requests/Services*

**Adjacent ZIP Codes:** 1 Mile(s)

**Services:**

ZIP Code	City Name	ST	Dist/Dir	Sel
96701	AIEA	HI	0.81 NE	Y
96853	HICKAM AFB	HI	0.49 SW	Y
96860	PEARL HARBOR	HI	0.00 --	Y

	Requested?	Date
Sanborns	No	
Aerial Photographs	No	
Historical Topos	No	
City Directories	No	
Title Search	No	
Municipal Reports	No	
Online Topos	No	

***Environmental FirstSearch  
Sites Summary Report***

**TARGET SITE:**

HONOLULU HI 96818

**JOB:** 442221

RE-RUN FOR ASTM E 1527-05 DISTANCES

**TOTAL:** 0      **GEOCODED:** 0      **NON GEOCODED:** 0      **SELECTED:** 0

<b>Page No.</b>	<b>DB Type</b>	<b>Site Name/ID/Status</b>	<b>Address</b>	<b>Dist/Dir</b>	<b>Map ID</b>
-----------------	----------------	----------------------------	----------------	-----------------	---------------

---

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:**  
HONOLULU HI 96818

**JOB:** 442221  
RE-RUN FOR ASTM E 1527-05 DISTANCES

No sites were found!

***Environmental FirstSearch***  
***Site Detail Report***

**TARGET SITE:**  
HONOLULU HI 96818

**JOB:** 442221  
RE-RUN FOR ASTM E 1527-05 DISTANCES

No sites were found!

## Environmental FirstSearch Database Descriptions

**NFRAP:** *EPA* COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM ARCHIVED SITES - database of Archive designated CERCLA sites that, to the best of EPA's knowledge, assessment has been completed and has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

**RADON:** *NTIS* NATIONAL RADON DATABASE - EPA radon data from 1990-1991 national radon project collected for a variety of zip codes across the United States.

## Environmental FirstSearch Database Sources

**NFRAP:** *EPA* Environmental Protection Agency.

*Updated quarterly*

**RADON:** *NTIS* Environmental Protection Agency, National Technical Information Services

*Updated periodically*

***Environmental FirstSearch***  
***Street Name Report for Streets within .25 Mile(s) of Target Property***

**TARGET SITE:**  
HONOLULU HI 96818

**JOB:** 442221  
RE-RUN FOR ASTM E 1527-05 DISTANCES

Street Name	Dist/Dir	Street Name	Dist/Dir
12th St	0.13 NW	Gardner Ave	0.17 SW
13th St	0.07 SW	Halealii Rd	0.09 NW
14th St	0.25 SE	Hancock Pl	0.12 SE
19th Way	0.14 SW	Honohono St	0.07 SW
20th St	0.19 SW	Hooper Pl	0.20 SE
21st St	0.10 SW	I-H-1	0.11 SE
6th St	0.00 --	Ilima St	0.25 SW
7th St	0.08 SE	Kamehameha Hwy	0.04 NE
A Ave	0.00 --	Kokomalei St	0.16 SE
Aupaka St	0.17 SW	Kopiko St	0.20 SE
Avenue A	0.15 NW	Kuntz Ave	0.05 SW
Avenue B	0.16 NW	Leal Pl	0.05 SE
Avenue C	0.14 NW	Lehua Ln	0.21 SW
B Ave	0.00 --	Mack Pl	0.11 SE
Benoit Pl	0.17 SE	Main St	0.00 --
Bougainville Dr	0.18 SE	McKeen Pl	0.01 SE
C Ave	0.00 --	Melick Ave	0.04 SE
Center Dr	0.00 --	Nimitz Hwy	0.00 --
Cruse Pl	0.10 SE	North Dr	0.01 SE
E 10th St	0.07 SE	North Rd	0.09 NW
E 1st St	0.11 NW	Orlando Pl	0.07 SE
E 2nd St	0.06 NW	Palmyra Dr	0.17 NE
E 3rd St	0.01 NW	Plantation Dr	0.00 --
E 4th St	0.00 --	Porter Ave	0.12 SW
E 5th St	0.03 NW	Powell Loop	0.00 --
E 6th St	0.00 --	Puuloa Cir	0.25 SW
E 7th St	0.00 --	Smith Cir	0.04 SE
E 8th St	0.00 --	South Ave	0.09 NW
EAST 10th St	0.07 SE	South Dr	0.00 --
EAST 1st St	0.11 NW	Stommes Pl	0.05 SE
EAST 2nd St	0.06 NW	Tarawa Dr	0.17 NE
EAST 3rd St	0.01 NW	Teague Pl	0.09 SE
EAST 4th St	0.00 --	Tinker Ave	0.04 SW
EAST 5th St	0.03 NW	Turner Ave	0.23 SE
EAST 6th St	0.00 --	Valdez Pl	0.15 SE
EAST 7th St	0.00 --	Waianae Cir	0.11 SE
EAST 8th St	0.00 --		
Fox Blvd	0.00 --		

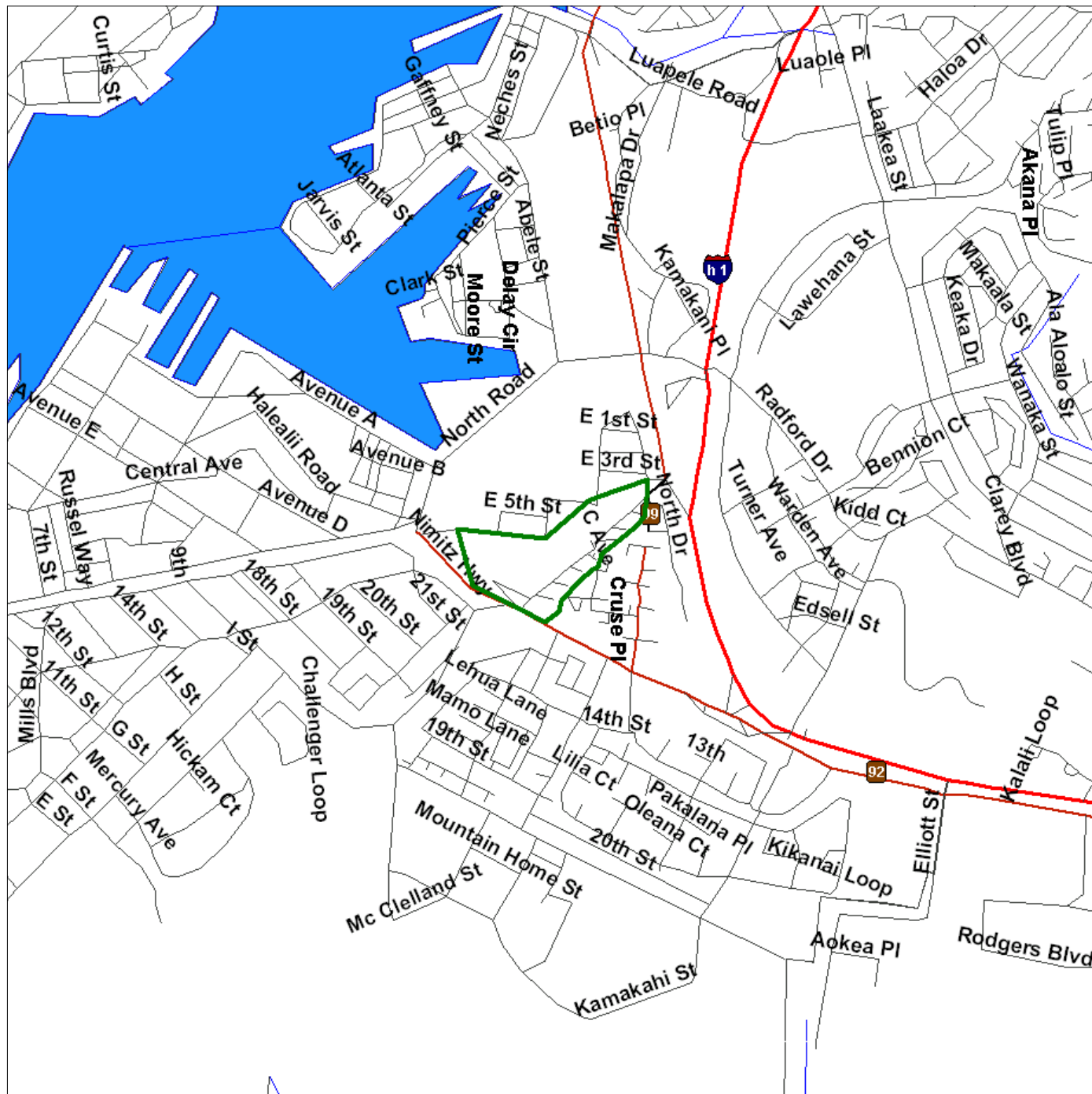


# Environmental FirstSearch

1 Mile Radius from Area  
Single Map:

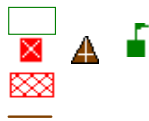


, HONOLULU HI 96818

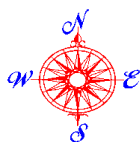


Source: U.S. Census TIGER Files

Area Polygon .....  
Identified Site, Multiple Sites, Receptor .....  
NPL, Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste .....  
Railroads .....





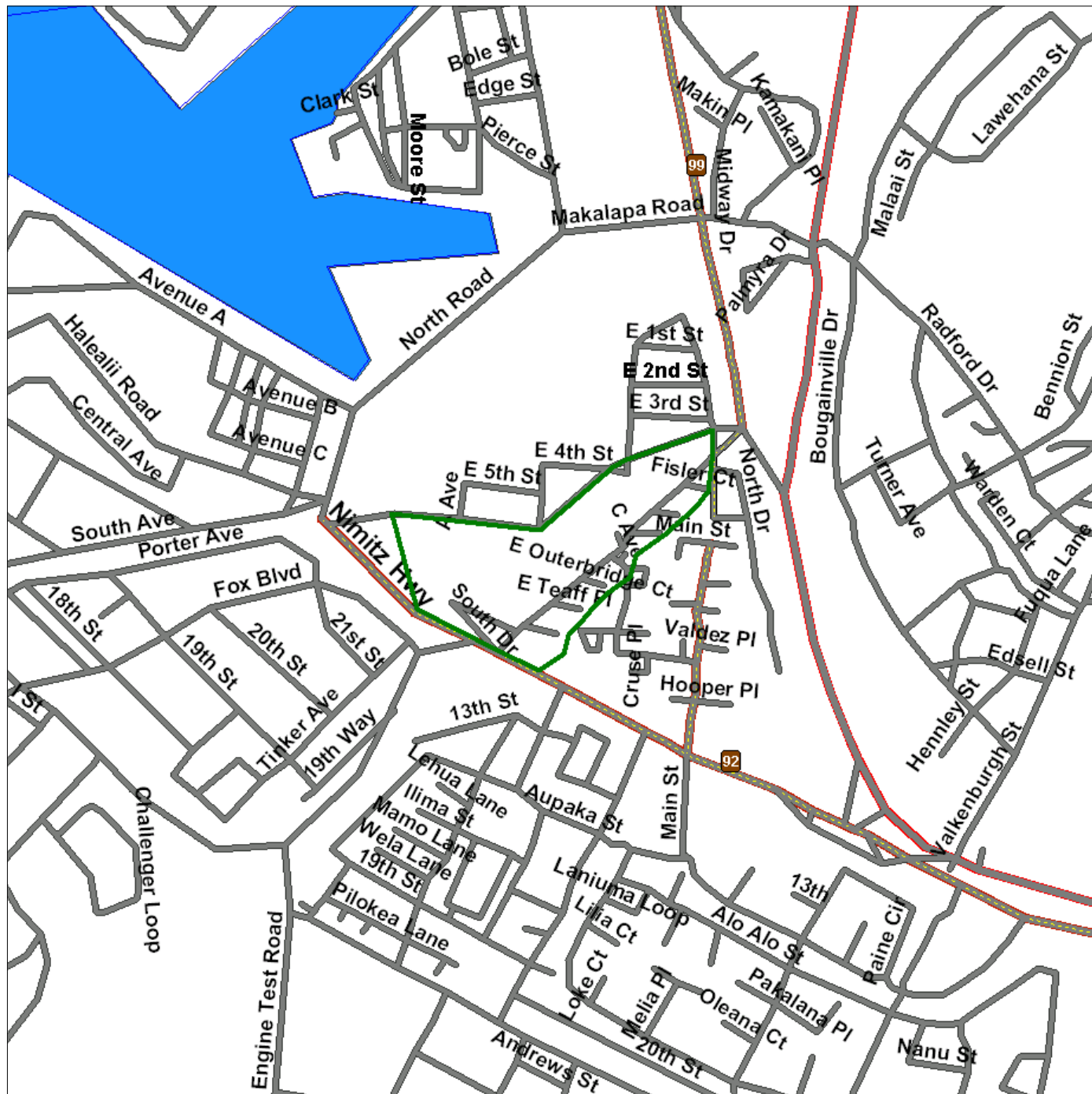


# Environmental FirstSearch

.5 Mile Radius from Area  
ASTM: NFRAP, BROWNFIELD



, HONOLULU HI 96818



Source: U.S. Census TIGER Files

Area Polygon .....  
Identified Site, Multiple Sites, Receptor .....  
NPL, Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste .....  
Railroads .....

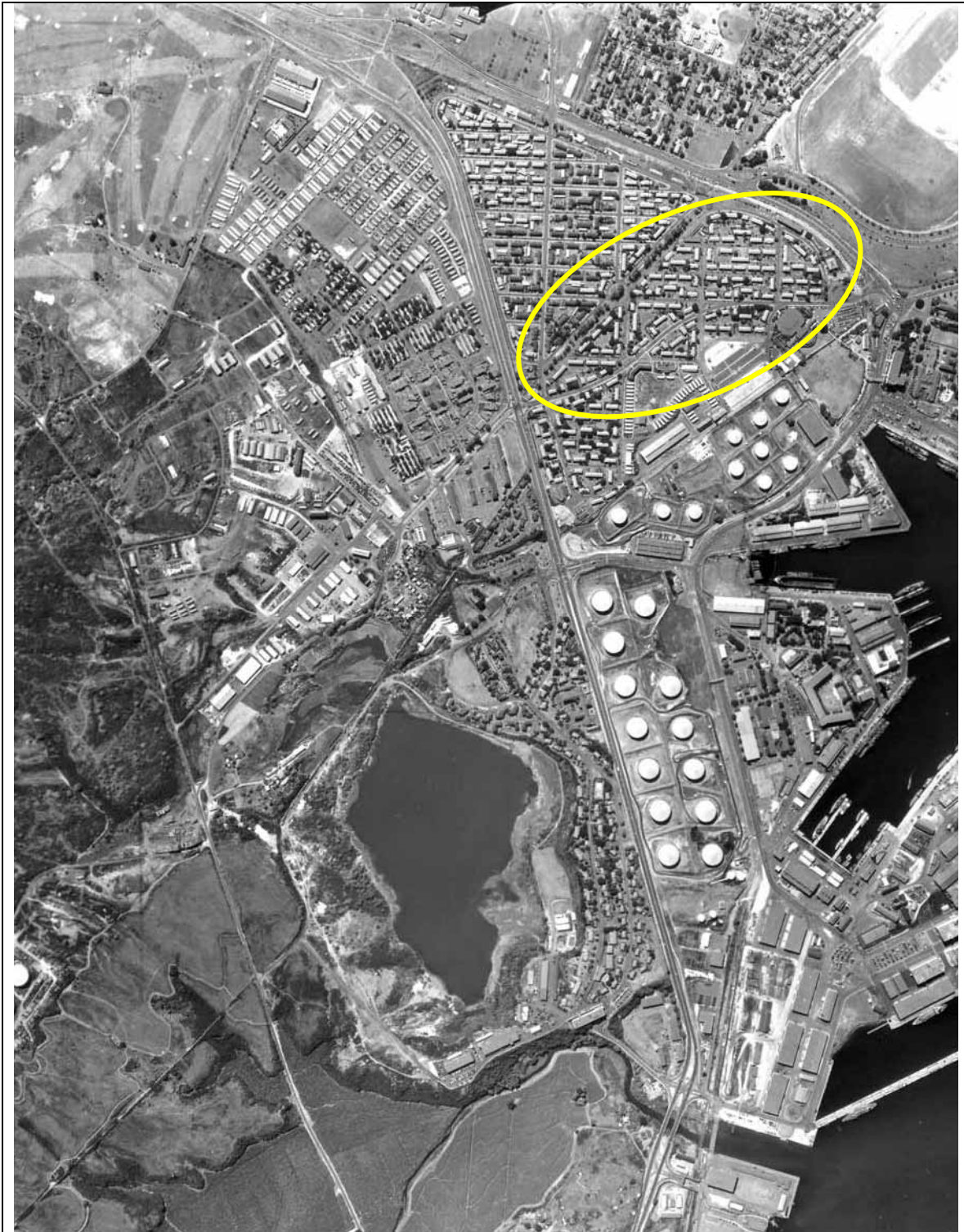




## Appendix B

### HISTORICAL AERIAL PHOTOGRAPHS





Source: Track Info Services

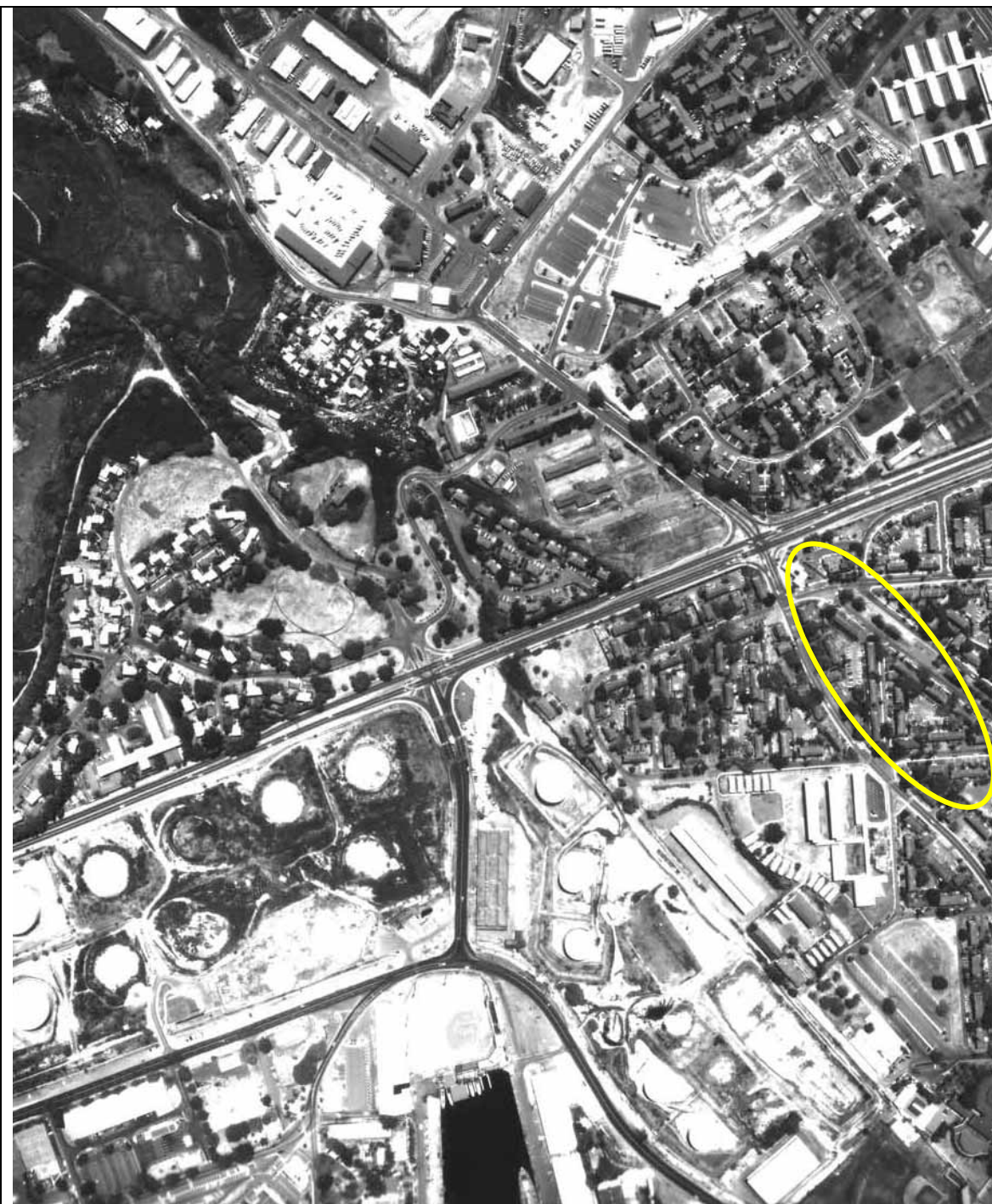


NORTH

NO SCALE

1951 Historical Aerial Photograph  
Hale Moku Family Housing





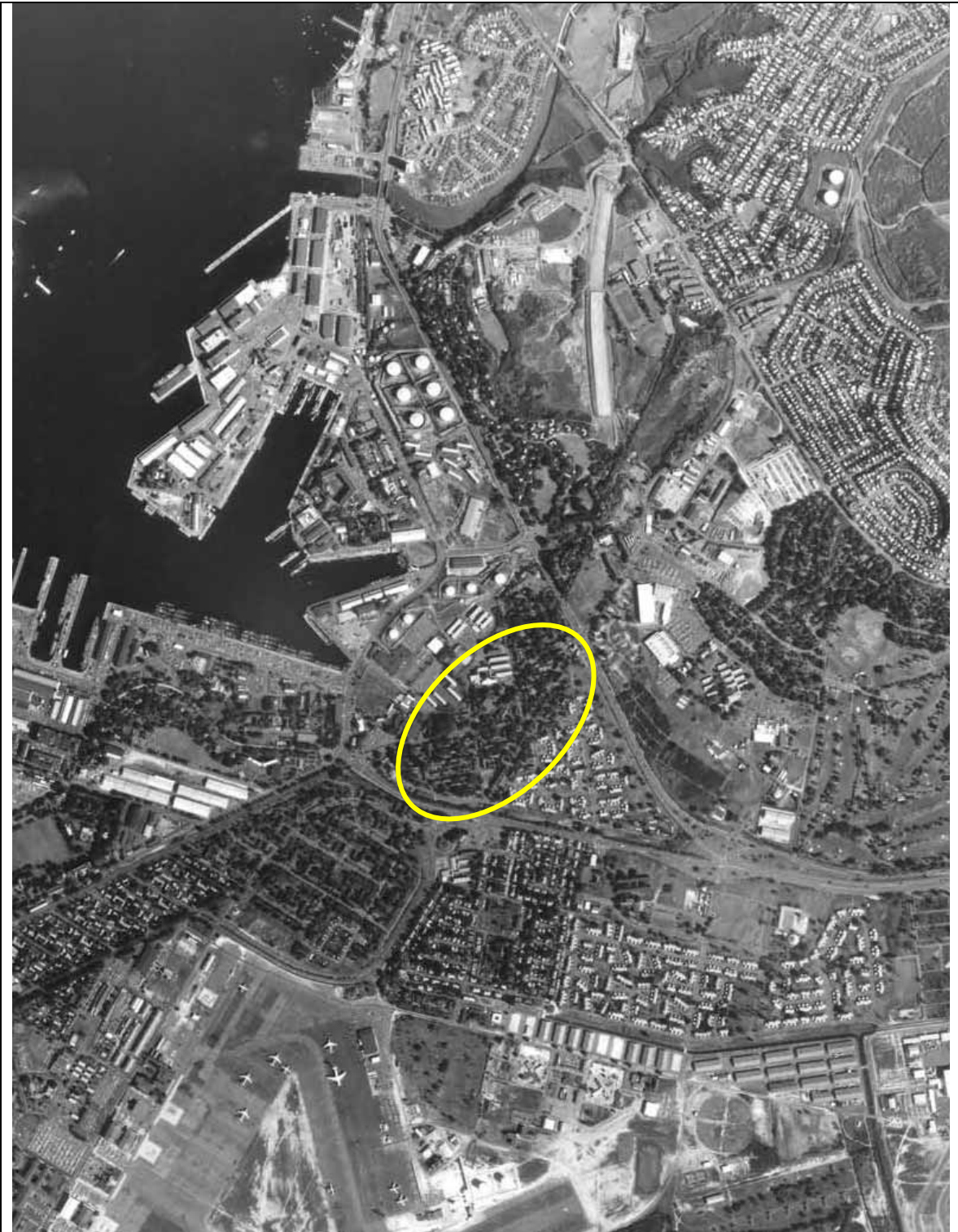
Source: Track Info Services



NORTH

NO SCALE

1964 Historical Aerial Photograph  
Hale Moku Family Housing



Source: *Track Info Services*



NORTH

NO SCALE

1973 Historical Aerial Photograph  
Hale Moku Family Housing





Source: *Track Info Services*

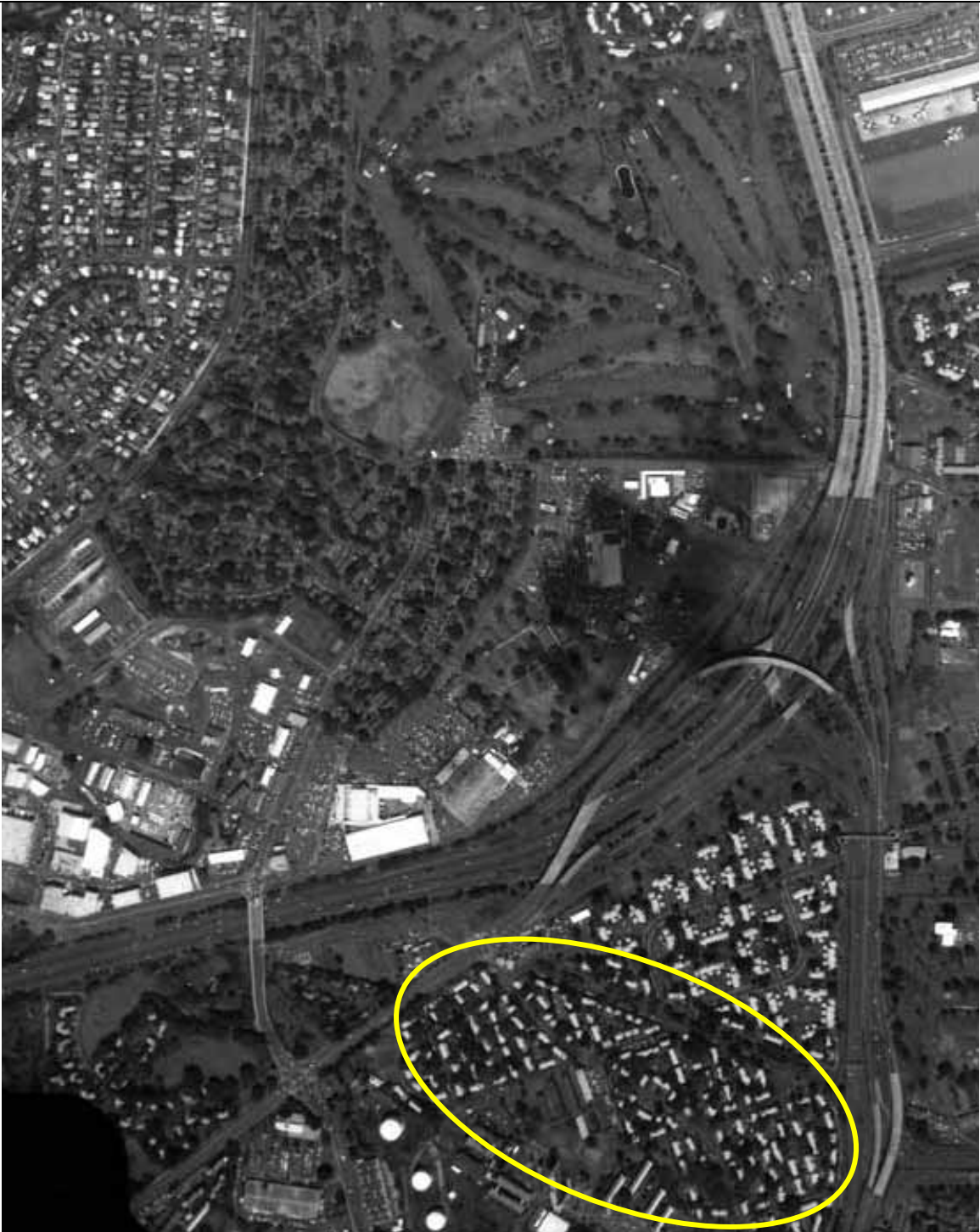


NORTH

NO SCALE

1982 Historical Aerial Photograph  
Hale Moku Family Housing





Source: Track Info Services



NORTH

NO SCALE

1991 Historical Aerial Photograph  
Hale Moku Family Housing



Source: Track Info Services



NORTH

NO SCALE

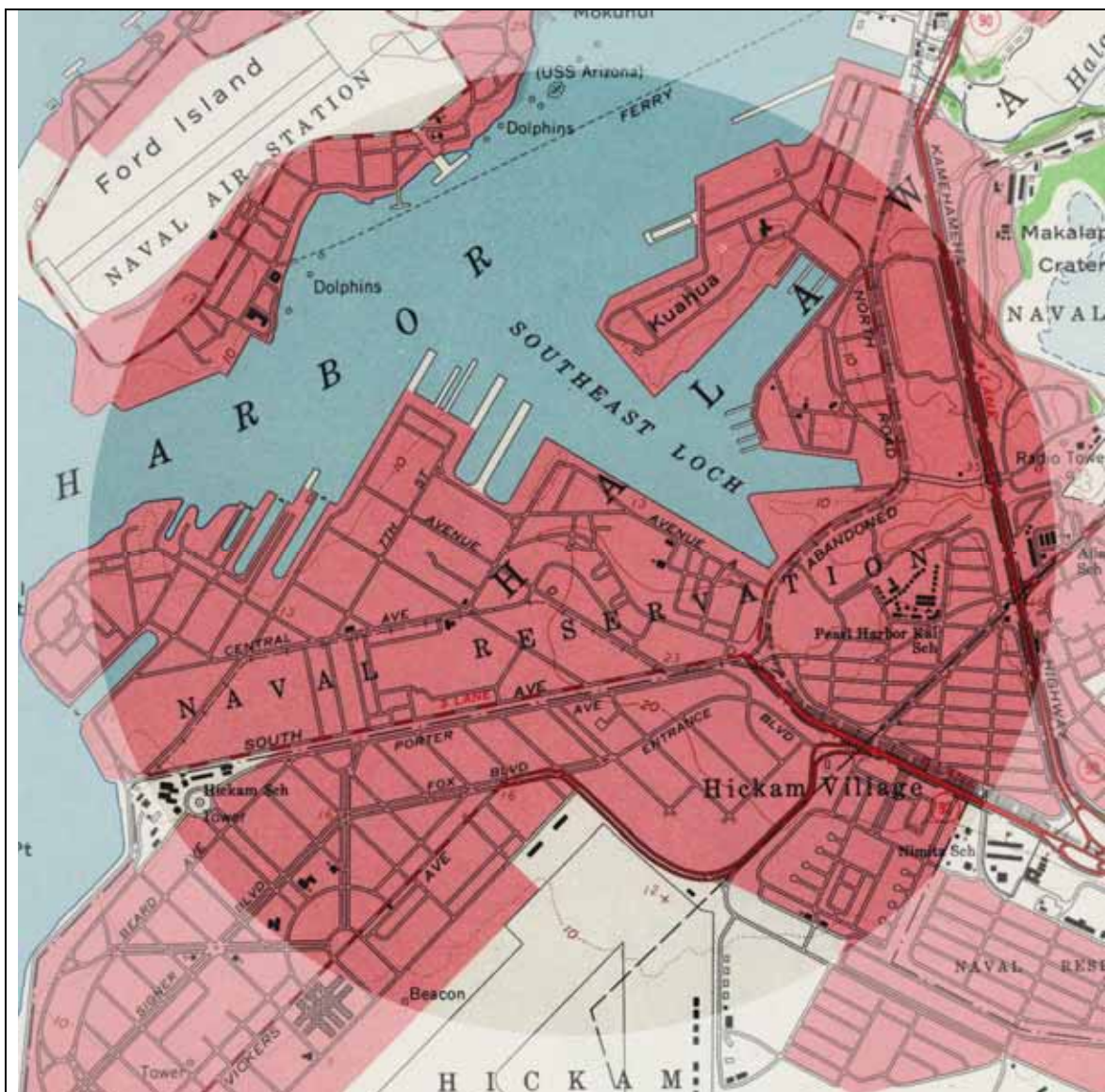
2003 Historical Aerial Photograph  
Hale Moku Family Housing

## Appendix C

### HISTORICAL TOPOGRAPHICAL MAPS







Source: USGS Puuloa, Hawaii Quadrangle, 7.5 Minute Series, 1959 (modified)



NORTH

1 inch = 1670 feet  
SCALE

1959 Historical Topographic Map  
Hale Moku Naval Family Housing



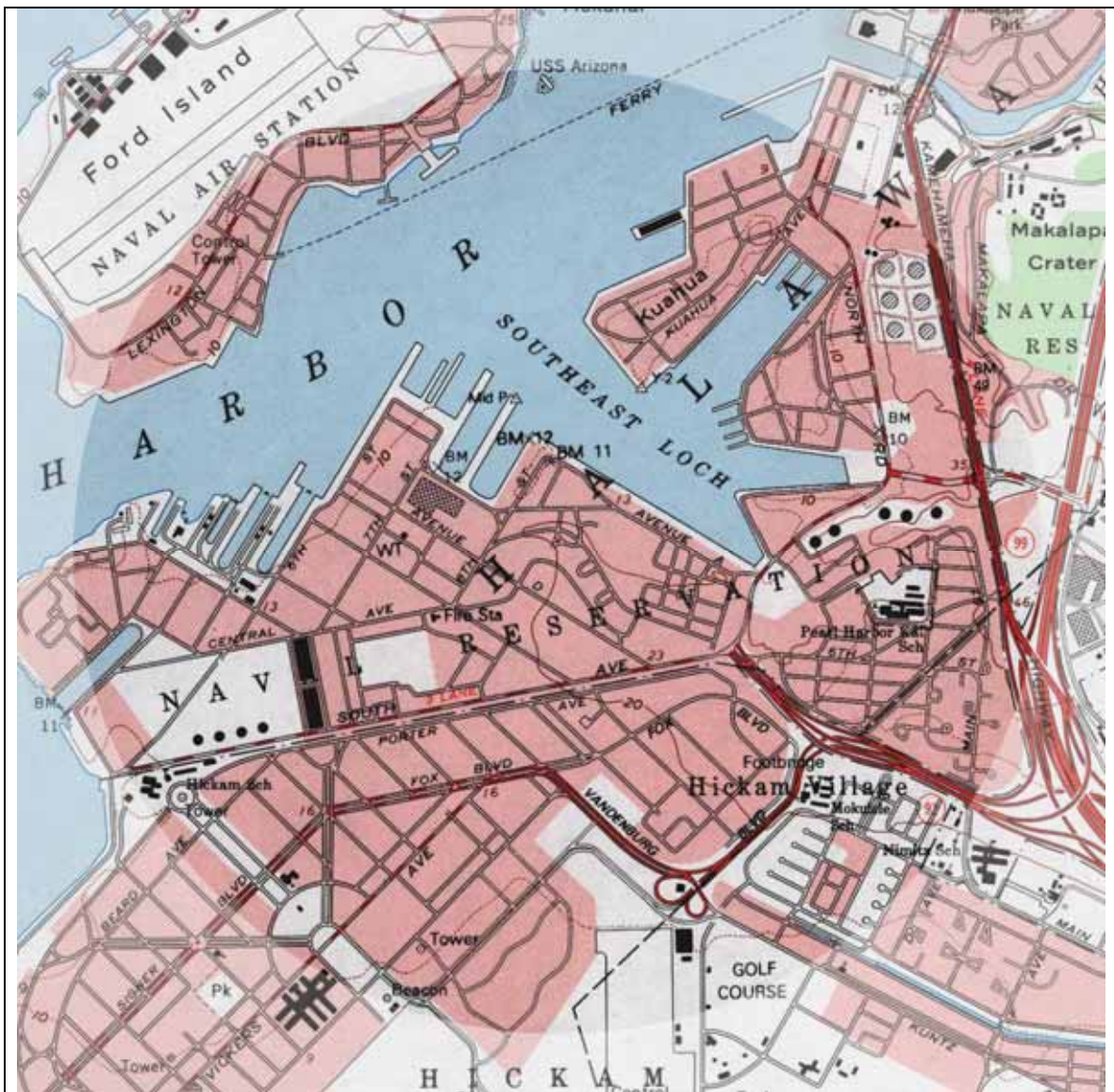
Source: USGS Puuloa, Hawaii Quadrangle, 7.5 Minute Series, 1968 (modified)



1 inch = 1667 feet  
SCALE

1968 Historical Topographic Map  
Hale Moku Naval Family Housing



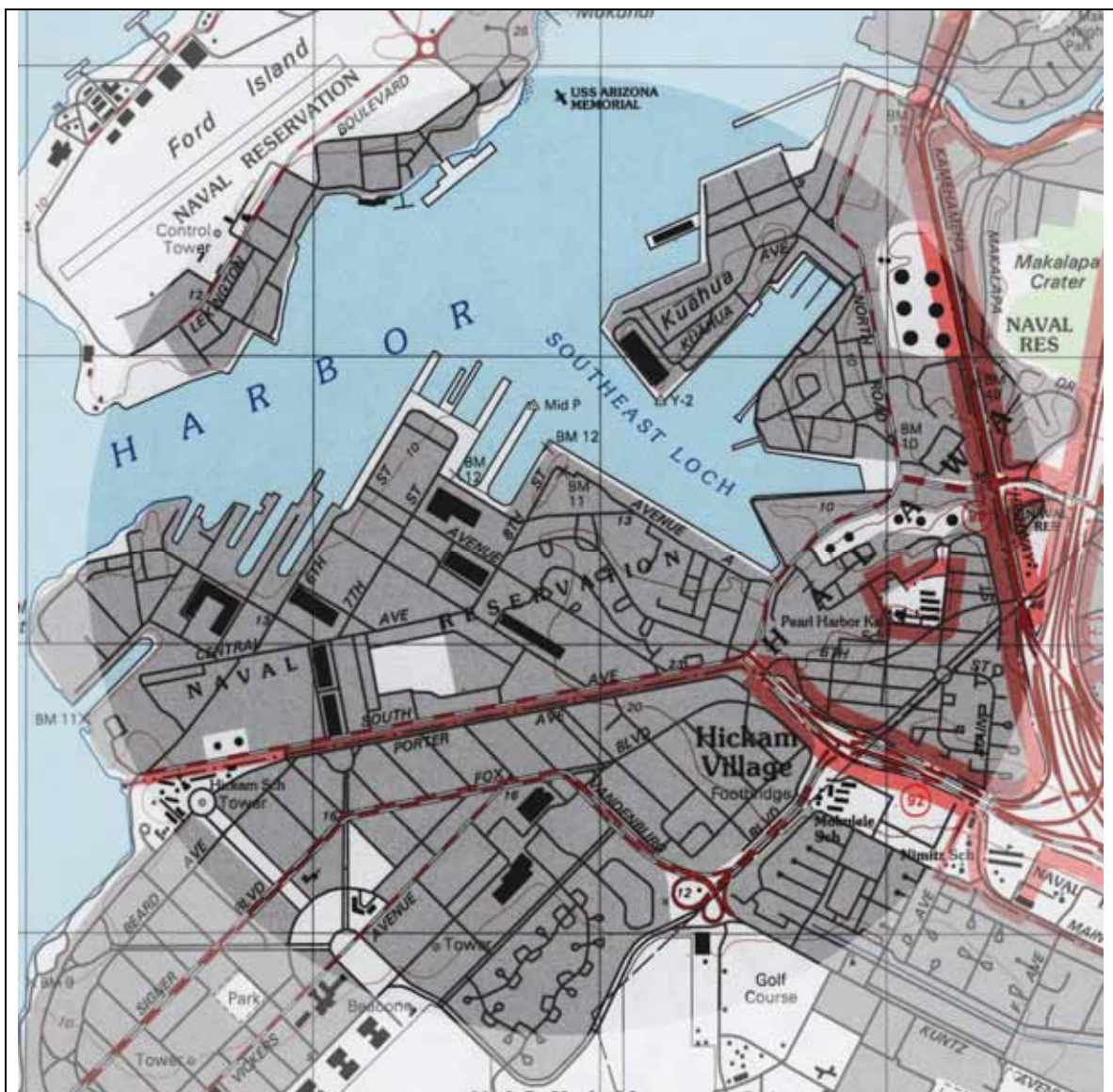


Source: USGS Pearl Harbor, Hawaii Quadrangle, 7.5 Minute Series, 1983 (modified)



1 inch = 1670 feet  
SCALE

1983 Historical Topographic Map  
Hale Moku Naval Family Housing



Source: USGS Pearl Harbor, Hawaii Quadrangle, 7.5 Minute Series, 1999 (modified)



NORTH



1 inch = 1670 feet  
SCALE

1999 Historical Topographic Map  
Hale Moku Naval Family Housing

Appendix D

FINAL ENVIRONMENTAL BASELINE SURVEY TABLE 15-4



**Table 15-4: Findings (Excluding Off-Site Findings of No Concern) for Housing Area 13: Hale Moku.**

Area of Concern/ Identification Number	Category Designation	Media Impacted	Contaminants of Concern	Likelihood that this site will impact Housing Area 13
<b>FINDINGS REQUIRING NOTIFICATON</b>				
Pesticide/Herbicides Impacted Soil	1	Soil	Pesticides/Herbicides	On-site findings requiring notification
Structures Demolition Renovations (transite pipe)	NA	Air/Soil	Asbestos	On-site findings requiring notification Demolition/Renovation Activities
Industrial Processes	NA	Air	NO <sub>x</sub> , CO, CO <sub>2</sub> , VOCs, Particulate and incomplete combustions of hydrocarbons byproducts	Off-site findings requiring notification
Subsurface Petroleum pipelines and storm drains	NA	Soil and groundwater	Subsurface contamination migration	Off-site findings requiring notification
Consumer Products Disposal (refrigerants, fluorescent light tubes and/or ballasts, monitors, radioactive material in smoke detectors)	NA	Improvements	Various	On-site findings requiring notification

**Table 15-4 (Continued)**

<b>Area of Concern/ Identification Number</b>		<b>Category Designation</b>	<b>Media Impacted</b>	<b>Contaminants of Concern</b>	<b>Likelihood that this site will impact Housing Area 13</b>
Transformer H-21		5	Concrete	PCB	Off-site requiring notification
Transformer H-24		5	Concrete	PCB	Off-site requiring notification
ASTs	29 through 55	5	Subsurface soil	Petroleum	Off-site requiring notification
AST	1404	5	Subsurface soil	Petroleum	Off-site requiring notification
AST	1543	5	Subsurface soil	Petroleum	Off-site requiring notification
ASTs	B-1, B-2	5	Subsurface soil	Petroleum	Off-site requiring notification
AST at Building	1206 (D)	5	Subsurface soil	Petroleum	Off-site requiring notification
Building	416	5	Unknown	HS/HM/HW	Off-site requiring notification
Building	449	5	Soil and sediment	Lead	Off-site requiring notification
Building	550	5	Groundwater	HS/HM/HW	Off-site requiring notification
Building	644	5	Surface soil	Arsenic, lead, TPH, PAH	Off-site requiring notification
Building	651	5	Storm drain	Lead	Off-site requiring notification
Building	660(D)	5	Storm drain	HS/HM/HW	Off-site requiring notification
Building	674	5	Storm drain	Lead	Off-site requiring notification
Building	1172	5	Storm drain	Petroleum	Off-site requiring notification
Building	1320	5	Groundwater	Petroleum Products and HS/HM/HW	Off-site requiring notification



**Table 15-4 (Continued)**

Area of Concern/ Identification Number		Category Designation	Media Impacted	Contaminants of Concern	Likelihood that this site will impact Housing Area 13
Building	1326	5	Subsurface soil and groundwater	Petroleum	Off-site requiring notification
Building	1588	5	Part of RAA-3	Petroleum	Off-site requiring notification
Building	S582	5	Subsurface soil and groundwater	Petroleum	Off-site requiring notification
Building	S1584	5	Soil	PCBs	Off-site requiring notification
Building	S649	5	Soil and groundwater	Petroleum	Off-site requiring notification
AST	1649	2e	soil	Petroleum products	Off-site requiring notification
USTs	11 (SB)(D)	2c	Soil and groundwater	Petroleum products	Off-site requiring notification
USTs	12 (SB)(D)	2c	Soil and groundwater	Petroleum products	Off-site requiring notification
USTs	52 (NS)(D)	2c	Soil and groundwater	Petroleum products	Off-site requiring notification
USTs	53 (NS)(D)	2c	Soil and groundwater	Petroleum products	Off-site requiring notification
USTs	30 (SB)(D)	2c	Soil and groundwater	Petroleum products	Off-site requiring notification
USTs	DPP-1 to DPP-8	5	Subsurface soil and groundwater	Lubricants and diesel fuel	Off-site requiring notification
UST	EP-1(D)		Soil	TPH, BTEX, VOC, metals, pesticides, PCBs	Off-site requiring notification
Building	31	5	Soil and groundwater	Jet fuel	Off-site requiring notification

**Table 15-4 (Continued)**

Area of Concern/ Identification Number		Category Designation	Media Impacted	Contaminants of Concern	Likelihood that this site will impact Housing Area 13
Building	60	5	Soil and groundwater	Petroleum	Off-site requiring notification
Building	91/91A (D)	5	Soil and groundwater	Petroleum	Off-site requiring notification
Building	1403	5	Soil and groundwater	Petroleum	Off-site requiring notification
Building	1544	5	Soil and groundwater	Petroleum	Off-site requiring notification
Building	S235		Soil and groundwater	Petroleum	Off-site requiring notification
Building	472(D)	5	Soil and groundwater	Heavy Metals- HS/HM/HW	Off-site requiring notification
Former Middle Tank Farm (D)		5	Soil and ground water	Petroleum	Off-site requiring notification
Inactive Fuel Corridor Pipelines (Part of RAA-1, 2, 3, 4, 5, 6, 7, 8, and 9)		5	Soil and ground water	Petroleum	Off-site requiring notification
SWMU No. NSC-14		5	Part of RAA-4	Petroleum	Off-site requiring notification
RAA-2 (Magazine Loch Area)		5	Soil and ground water	Petroleum PCBs	Off-site requiring notification
RAA-3 (Millican Field EPMU- 6 Area)		5	Soil and ground water	Petroleum	Off-site requiring notification
RAA-4 (AUT Middle Tank Farm Area)		5	Soil and ground water	Petroleum	Off-site requiring notification
RAA-5 (Ward Field Area)		5	Soil and ground water	Petroleum	Off-site requiring notification

**Table 15-4 (Continued)**

<b>Area of Concern/ Identification Number</b>	<b>Category Designation</b>	<b>Media Impacted</b>	<b>Contaminants of Concern</b>	<b>Likelihood that this site will impact Housing Area 13</b>
RAA-7 (Neches Avenue Area)	5	Soil and ground water	Petroleum	Off-site requiring notification
RAA-9 (SUBASE Pierce Avenue Area)	5	Soil and ground water	Petroleum	Off-site requiring notification
RAA-10 (Gabrunas Field Area)	5	Soil and ground water	Petroleum	Off-site requiring notification
RAA-11 (Monitoring well 13)	5	Soil and ground water	Petroleum	Off-site requiring notification
RAA-13 (Monitoring Well 43)	5	Groundwater	Petroleum	Off-site requiring notification
RAA-12 (Monitoring Well 25)	5	Groundwater	Petroleum	Off-site requiring notification
Upper Tank Farm (S754-S756, S761-S763)	5	Soil and groundwater	Petroleum	Off-site requiring notification
Valve Chamber No. 4	5	Soil and groundwater	Petroleum	Off-site requiring notification
Valve Chamber No. 7	5	Soil and groundwater	Petroleum	Off-site requiring notification
Waste Oil Reclamation Facility	5	Soil and groundwater	Petroleum	Off-site requiring notification
Upper Tank Farm	5	Soil and groundwater	Petroleum	Off-site requiring notification
Upper Tank Farm (D)	5	Soil and groundwater	Petroleum	Off-site requiring notification

**Table 15-4 (Continued)**

<b>Area of Concern/ Identification Number</b>	<b>Category Designation</b>	<b>Media Impacted</b>	<b>Contaminants of Concern</b>	<b>Likelihood that this site will impact Housing Area 13</b>
<b>ON-SITE FINDINGS NOT REQUIRING NOTIFICATON</b>				
Natural Resources	NA	Land and Structures	NA	On-site not requiring notification
Pad Mounted Transformers: TV-1,2,3,4,5,6,7,8,9,10,11, 12,13,14,15,16,17,18,19, 20,21,22,23,24,25,26,27, 28,29,30,31,32,33,34,35, 36,37,38,39,40, HECO SW1 and HECO SW2	1	Soil	PCBs	On-site not requiring notification
AUP, Heavy Metals, HS/HM/HW, Landfills, LBP, MW/BW, Mixed Waste, Operationally Contaminated/IR Program Sites, Ordnance/UXO, Polychlorinated Biphenyls, Potable Water, Radioactive Materials, Radon, WW/SW	NA	NA	NA	On-site not requiring notification

**TRACK ► INFO SERVICES, LLC**

# **Environmental FirstSearch™ Report**

Target Property: Hale Moku Naval Family Housing

**HONOLULU HI 96818**

Job Number: 072007

**PREPARED FOR:**

Parsons

100 West Walnut Street

Pasadena, CA 91124

07-20-07



*Tel: (866) 664-9981*

*Fax: (818) 249-4227*

# Environmental FirstSearch Search Summary Report

## Target Site:

HONOLULU HI 96818

### FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	05-08-07	1.00	0	0	0	0	0	0	0
NPL Delisted	Y	03-08-07	0.50	0	0	0	0	-	0	0
CERCLIS	Y	05-08-07	0.50	0	0	0	0	-	0	0
NFRAP	Y	05-08-07	0.50	0	0	0	0	-	0	0
RCRA COR ACT	Y	06-06-06	1.00	0	0	0	0	1	0	1
RCRA TSD	Y	06-06-06	0.50	0	0	0	1	-	0	1
RCRA GEN	Y	06-06-06	0.25	0	0	0	-	-	0	0
RCRA NLR	Y	06-06-06	0.12	0	0	-	-	-	0	0
Federal IC / EC	Y	04-16-07	0.25	0	0	0	-	-	0	0
ERNS	Y	12-31-06	0.12	0	0	-	-	-	0	0
Tribal Lands	Y	12-01-05	1.00	0	0	0	0	0	0	0
State/Tribal Sites	Y	07-24-06	1.00	1	0	0	0	1	0	2
State/Tribal SWL	Y	NA	0.50	0	0	0	0	-	0	0
State/Tribal LUST	Y	07-28-06	0.50	0	0	0	1	-	0	1
State/Tribal UST/AST	Y	08-04-06	0.25	0	0	0	-	-	0	0
State/Tribal EC	Y	NA	0.25	0	0	0	-	-	0	0
State/Tribal IC	Y	07-24-06	0.25	0	0	0	-	-	0	0
State/Tribal VCP	Y	07-24-06	0.50	0	0	0	0	-	0	0
State/Tribal Brownfields	Y	07-24-06	0.50	0	0	0	0	-	0	0
State ACEC	Y	NA	0.50	0	0	0	0	-	0	0
Wetlands	Y	NA	0.50	1	0	0	1	-	0	2
Floodplains	Y	NA	0.50	0	0	0	0	-	0	0
Historic Landmarks	Y	11-17-05	0.50	0	0	0	0	-	0	0
Federal Land Use	Y	08-01-06	0.50	1	1	0	0	-	0	2
Federal Wells	Y	12-28-06	0.50	0	0	0	6	-	0	6
NPDES	Y	12-15-06	0.25	0	0	0	-	-	0	0
FINDS	Y	11-01-06	0.25	1	1	1	-	-	0	3
TRIS	Y	11-10-06	0.25	0	0	0	-	-	0	0
HMIRS	Y	04-16-07	0.25	0	0	0	-	-	0	0

### Notice of Disclaimer

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### Waiver of Liability

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- Continued on next page -



# ***Environmental FirstSearch Search Summary Report***

## **Target Site:**

HONOLULU HI 96818

### **FirstSearch Summary**

<b>Database</b>	<b>Sel</b>	<b>Updated</b>	<b>Radius</b>	<b>Site</b>	<b>1/8</b>	<b>1/4</b>	<b>1/2</b>	<b>1/2&gt;</b>	<b>ZIP</b>	<b>TOTALS</b>
NCDB	Y	09-22-06	0.25	0	0	0	-	-	0	0
PADS	Y	04-12-07	0.25	0	0	0	-	-	0	0
Releases	Y	12-31-06	0.25	0	0	0	-	-	0	0
Federal Other	Y	05-21-07	0.25	0	0	0	-	-	0	0
- TOTALS -				4	2	1	9	2	0	18

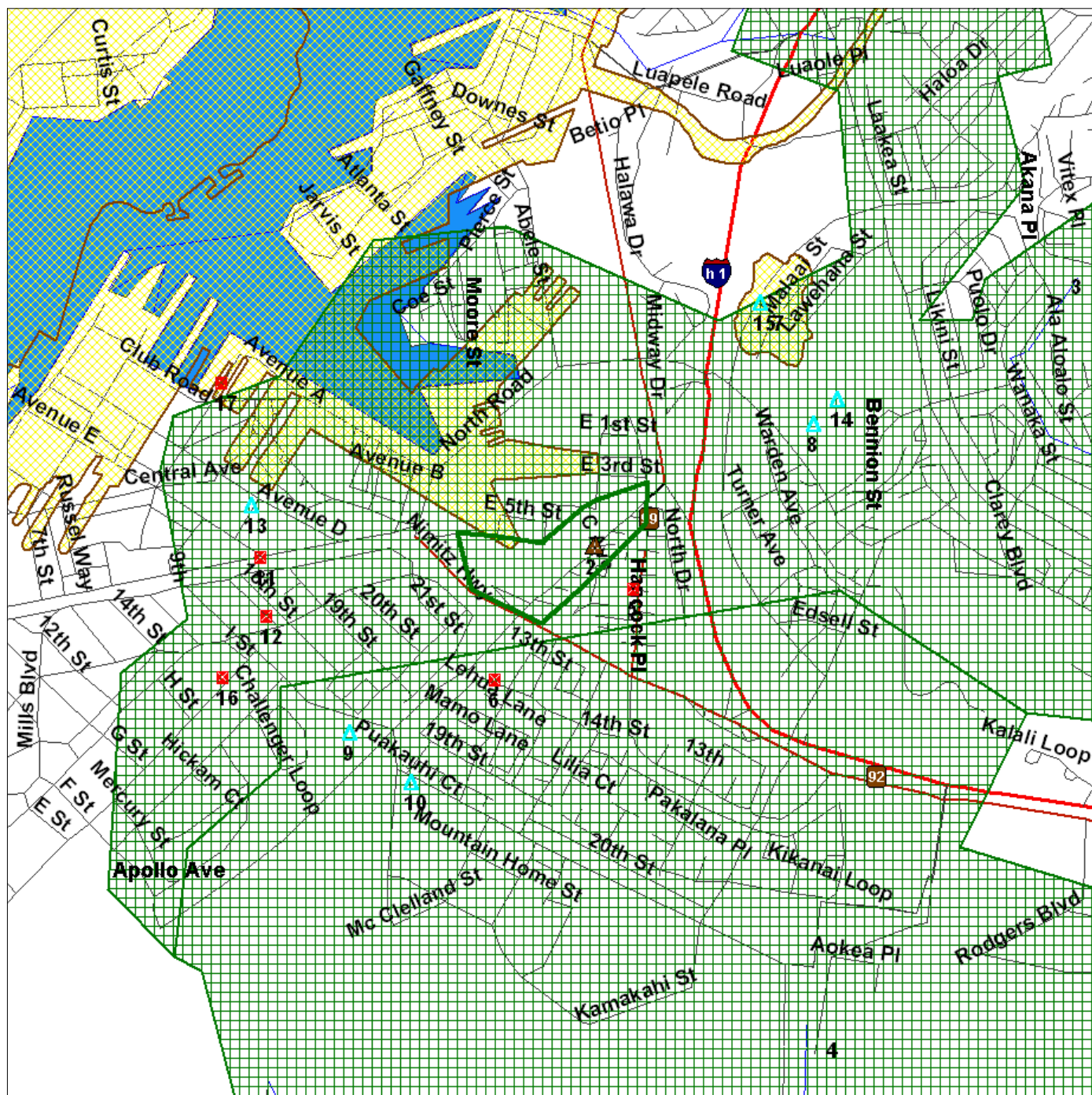
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**, HONOLULU HI 96818**



*Source: U.S. Census TIGER Files*

Area Polygon .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste  
Triballand.....

National Historic Sites and Landmark Sites .....

Railroads .....

Area of Critical Environmental Concern (ACEC), Protected Open Spaces  
Estimated Habitats of Rare Wetlands Wildlife, Vernal Pool .....  
Floodplains: 100 Year, 500 Year .....  
Wetlands .....  
Fed. Land Use: Wilderness Areas, Wildlife Preserves .....  
Fed. Land Use: Amer. Indian Sacred Sites, Endangered Species' Habitats.  
Federal Wells .....

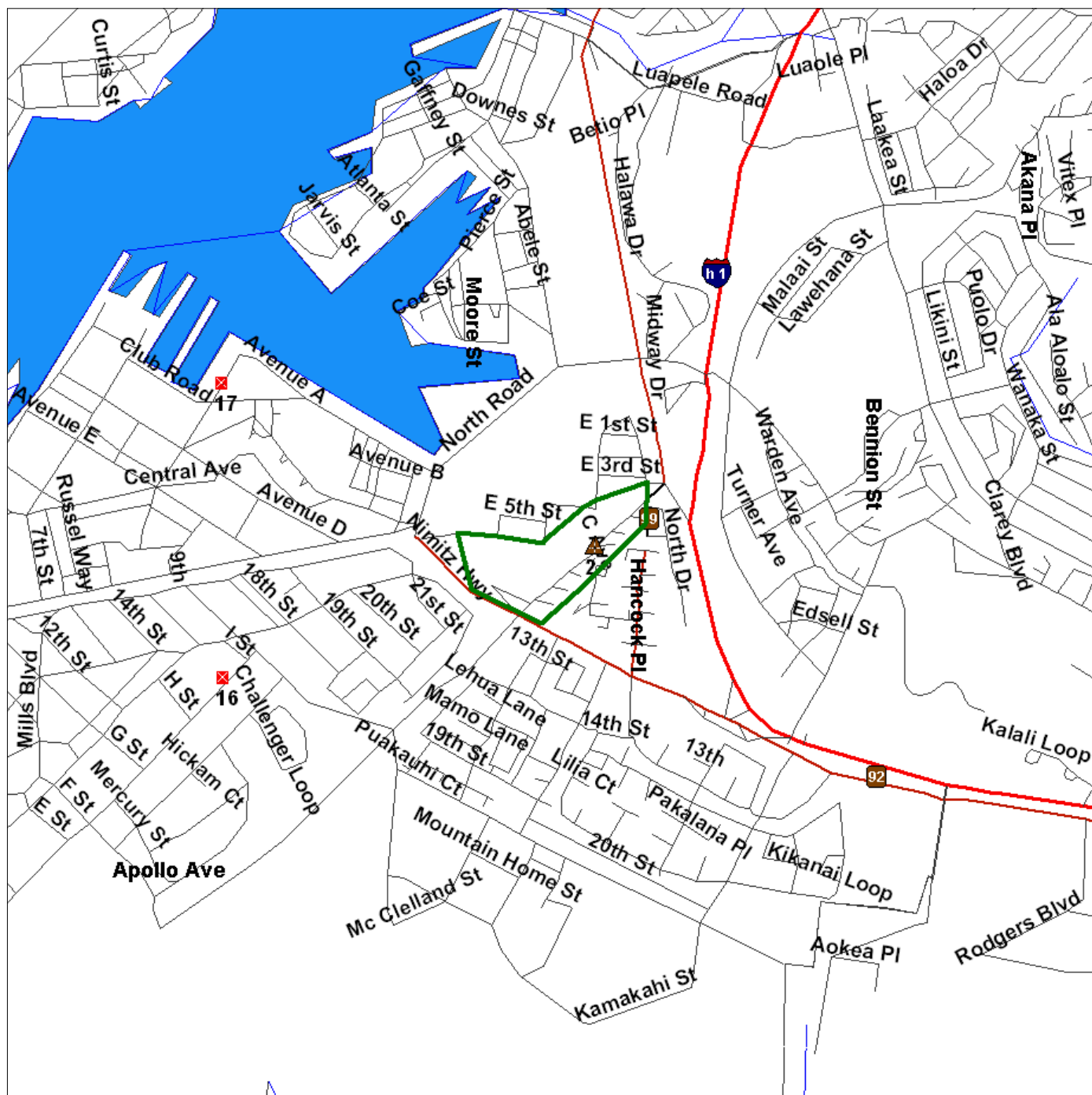


# Environmental FirstSearch

1 Mile Radius from Area  
ASTM-05: NPL, RCACOR, STATE



, HONOLULU HI 96818

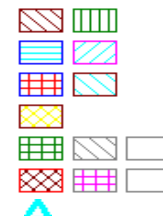


Source: U.S. Census TIGER Files

Area Polygon .....  
Identified Site, Multiple Sites, Receptor .....  
NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste  
Triballand.....  
National Historic Sites and Landmark Sites .....  
Railroads .....



Area of Critical Environmental Concern (ACEC), Protected Open Spaces  
Estimated Habitats of Rare Wetlands Wildlife, Vernal Pool .....  
Floodplains: 100 Year, 500 Year .....  
Wetlands .....  
Fed. Land Use: Wilderness Areas, Wildlife Preserves .....  
Fed. Land Use: Amer. Indian Sacred Sites, Endangered Species' Habitats..  
Federal Wells .....





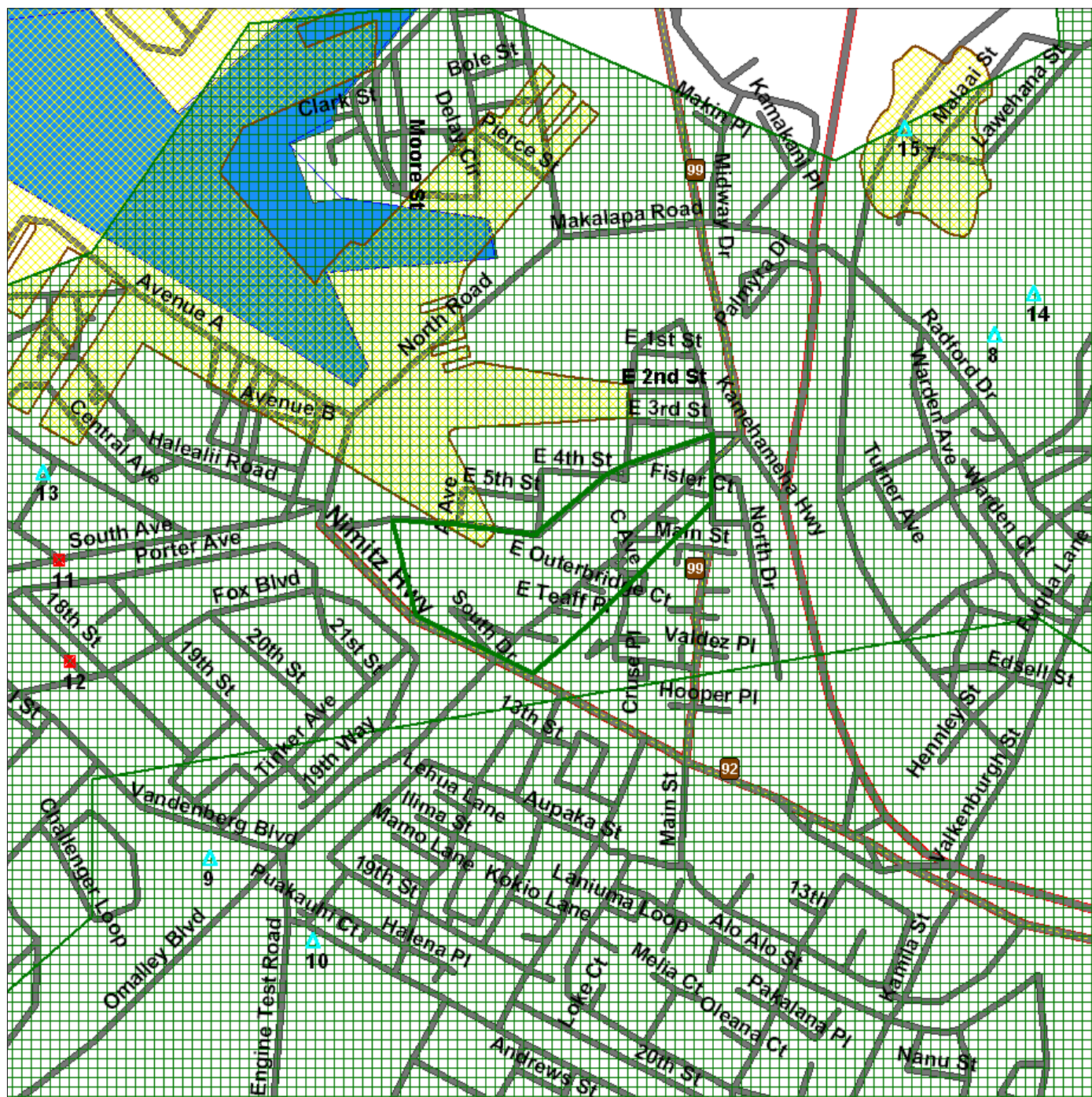


# Environmental FirstSearch

.5 Mile Radius from Area  
ASTM-05: Multiple Databases



, HONOLULU HI 96818

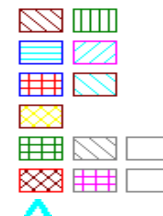


Source: U.S. Census TIGER Files

Area Polygon .....  
Identified Site, Multiple Sites, Receptor .....  
NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste  
Triballand.....  
National Historic Sites and Landmark Sites .....  
Railroads .....



Area of Critical Environmental Concern (ACEC), Protected Open Spaces  
Estimated Habitats of Rare Wetlands Wildlife, Vernal Pool .....  
Floodplains: 100 Year, 500 Year .....  
Wetlands .....  
Fed. Land Use: Wilderness Areas, Wildlife Preserves .....  
Fed. Land Use: Amer. Indian Sacred Sites, Endangered Species' Habitats..  
Federal Wells .....



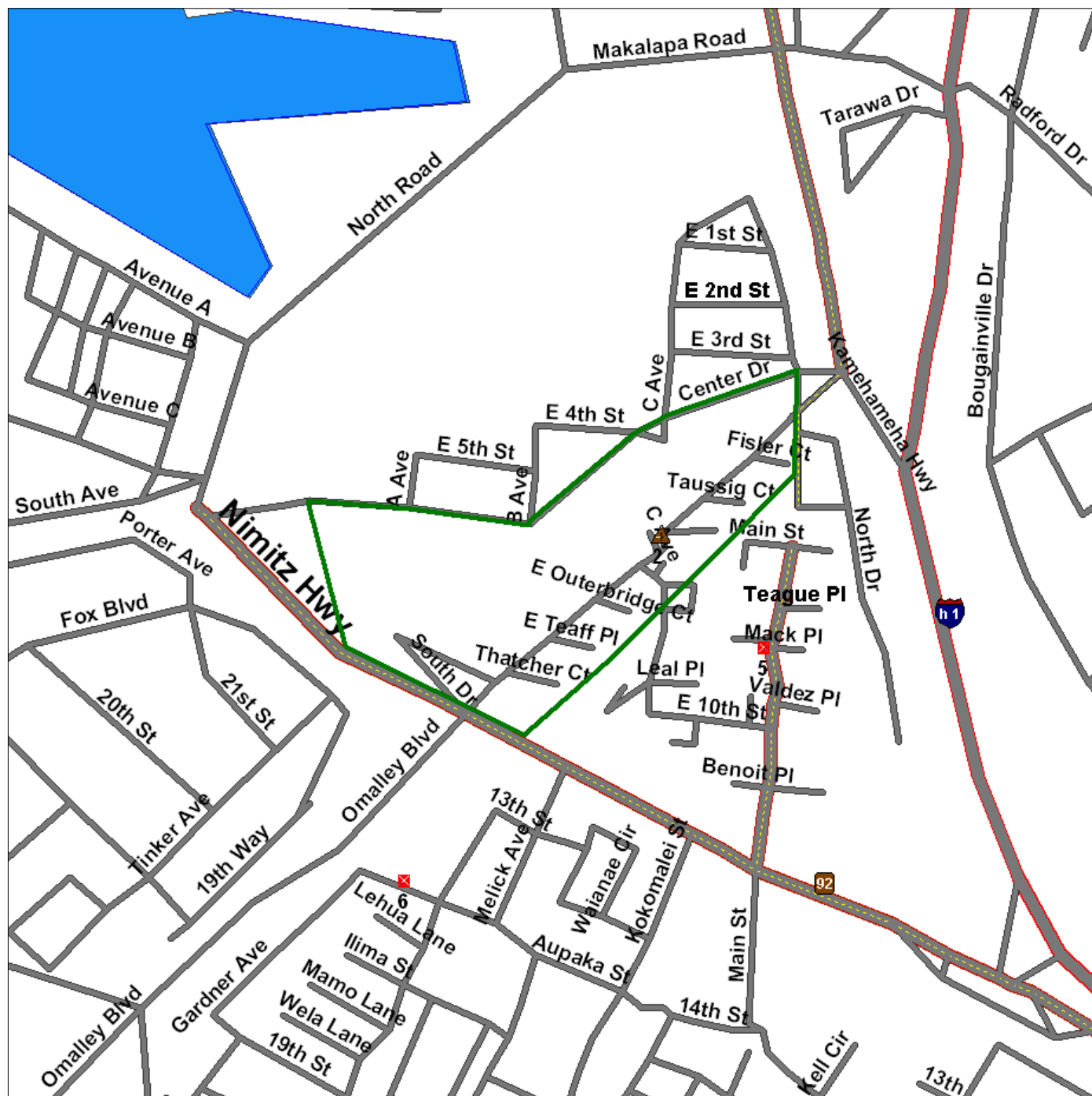


# Environmental FirstSearch

.25 Mile Radius from Area  
ASTM-05: Multiple Databases



, HONOLULU HI 96818

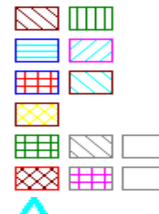


Source: U.S. Census TIGER Files

Area Polygon .....  
Identified Site, Multiple Sites, Receptor .....  
NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste  
Triballand.....  
National Historic Sites and Landmark Sites .....  
Railroads .....



Area of Critical Environmental Concern (ACEC), Protected Open Spaces  
Estimated Habitats of Rare Wetlands Wildlife, Vernal Pool .....  
Floodplains: 100 Year, 500 Year .....  
Wetlands .....  
Fed. Land Use: Wilderness Areas, Wildlife Preserves .....  
Fed. Land Use: Amer. Indian Sacred Sites, Endangered Species' Habitats..  
Federal Wells .....



A 6x2 grid of rectangles with various line patterns and colors. The patterns include diagonal lines, horizontal lines, vertical lines, and grid patterns. The colors include red, green, blue, yellow, and black. The last two rows have empty boxes to the right of the grid.



***Environmental FirstSearch  
Site Information Report***

**Request Date:** 07-20-07  
**Requestor Name:** (b) (6)  
**Standard:** ASTM-05

**Search Type:** AREA  
0.07 sq mile(s)  
**Job Number:** 072007  
**Filtered Report**

**Target Site:**

HONOLULU HI 96818

***Demographics***

<b>Sites:</b> 18	<b>Non-Geocoded:</b> 0	<b>Population:</b> NA
<b>Radon:</b> -1.2 - 4.8 PCI/L		

***Site Location***

	<u>Degrees (Decimal)</u>	<u>Degrees (Min/Sec)</u>		<u>UTMs</u>
<b>Longitude:</b>	-157.941527	-157:56:29	<b>Easting:</b>	609753.758
<b>Latitude:</b>	21.349932	21:20:60	<b>Northing:</b>	2361106.476
			<b>Zone:</b>	4

***Comment***

**Comment:**

***Additional Requests/Services***

**Adjacent ZIP Codes:** 0.25 Mile(s)

**Services:**

ZIP		ST	Dist/Dir	Sel
Code	City Name			
96860	PEARL HARBOR	HI	0.00 --	Y

	Requested?	Date
Sanborns	No	
Aerial Photographs	No	
Historical Topos	No	
City Directories	No	
Title Search/Env Liens	No	
Municipal Reports	No	
Online Topos	No	

# Environmental FirstSearch

## Sites Summary Report

**Target Property:**

HONOLULU HI 96818

**JOB:** 072007

**TOTAL:** 18      **GEOCODED:** 18      **NON GEOCODED:** 0      **SELECTED:** 18

Page No.	ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
1	9	WETLANDS	NATIONAL WETLANDS INVENTORY NWI-HI-1666/E1OWL	HI	0.00 --	1
2	5	FINDS	PEARL HARBOR KAI ELEMENTARY SCHOOL 110022014513/FRS	1 C AVENUE HONOLULU HI 96818	0.00 --	2
4	6	STATE	PEARL HARBOR KAI ELEMENTARY SCHOOL HIST_578	1 C AVENUE Honolulu HI 96818	0.00 --	2
5	12	LANDUSE	NAVY DOD PEARL HARBOR NAVAL STATIO 45978	HI	0.00 --	3
5	11	LANDUSE	AIR FORCE DOD HICKAM AIR FORCE BAS 45984	HI	0.04 SE	4
6	3	FINDS	3323 ORLANDO PLACE 110027159786/FRS	3323 ORLANDO PL HONOLULU HI 96818	0.09 SE	5
7	4	FINDS	MOKULELE ELEMENTARY SCHOOL 110022003473/FRS	250 AUPAKA STREET HONOLULU HI 96818	0.17 SW	6
8	10	WETLANDS	NATIONAL WETLANDS INVENTORY NWI-HI-1714/PSS3/EMIC	HI	0.39 NE	7
9	15	FEDWELLS	3-2156-01 W171 HALAW FW-HI-1350/USGS GROUNDWATER INV	HI	0.42 NE	8
10	14	FEDWELLS	3-2057-03 W167 AIRPT FW-HI-1300/USGS GROUNDWATER INV	HI	0.44 SW	9
11	13	FEDWELLS	3-2056-02 W166 AIRPT FW-HI-1279/USGS GROUNDWATER INV	HI	0.47 SW	10
12	1	RCRA	PEARL HARBOR N S Y AND I M F HI6170024339/TSD	PEARL HARBOR NAVAL BASE COM PEARL HARBOR HI 96860	0.47 SW	11
15	8	LUST	HICKAM AIR FORCE BASE 9-102568	BLDG 358. 203 17TH ST HICKAM AIR FOR HI 96853	0.48 SW	12
16	18	FEDWELLS	3-2157-01 W169 PEARL FW-HI-1334/USGS GROUNDWATER INV	HI	0.49 NW	13
17	16	FEDWELLS	3-2156-02 W172 HALAW FW-HI-1351/USGS GROUNDWATER INV	HI	0.49 NE	14
18	17	FEDWELLS	3-2156-03 W176 HALAW FW-HI-1378/USGS GROUNDWATER INV	HI	0.50 NE	15
19	7	STATE	USN FLEET TRAINING GROUP HIST_920	1430 SOUTH AVE Pearl Harbor HI 96860	0.62 SW	16
20	2	RCRACOR	PEARL HARBOR SHIPYARD AND MAINT F HI6170024339/CA	PEARL HARBOR NAVAL BASE PEARL HARBOR HI 96860	0.66 NW	17

***Environmental FirstSearch  
Site Detail Report***

**Target Property:** HONOLULU HI 96818

**JOB:** 072007

**WETLANDS**

<b>SEARCH ID:</b> 9	<b>DIST/DIR:</b> 0.00 --	<b>MAP ID:</b> 1
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**NAME:** NATIONAL WETLANDS INVENTORY  
**ADDRESS:** HI

**REV:** 2/27/02  
**ID1:** NWI-HI-1666  
**ID2:**  
**STATUS:** E1OWL  
**PHONE:**

**CONTACT:**

**SITE INFORMATION**

<b>AREA:</b>	12849569.07
<b>PERIMETER:</b>	67262.89
<b>WETC:</b>	6
<b>WETC_ID:</b>	22
<b>ATTRIBUTE:</b>	E1OWL



***Environmental FirstSearch  
Site Detail Report***

**Target Property:** HONOLULU HI 96818

**JOB:** 072007

**FINDS**

<b>SEARCH ID:</b> 5	<b>DIST/DIR:</b> 0.00 --	<b>MAP ID:</b> 2
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**NAME:** PEARL HARBOR KAI ELEMENTARY SCHOOL  
**ADDRESS:** 1 C AVENUE  
HONOLULU HI 96818  
HONOLULU

**REV:** 11/1/06  
**ID1:** 110022014513  
**ID2:**  
**STATUS:** FRS  
**PHONE:**

**CONTACT:**

**TRIBAL LAND:**  
**TRIBAL LAND NAME:**  
**CONGRESSIONAL DIST:**  
**LEGISLATIVE DIST:**  
**HYDROLOGICAL UNTIS:**  
**EPA REGION:** 09  
**AIRSHED:**  
**CENSUS BLOCK:**

***Environmental FirstSearch  
Site Detail Report***

**Target Property:** HONOLULU HI 96818

**JOB:** 072007

STATE

<b>SEARCH ID:</b> 6	<b>DIST/DIR:</b> 0.00 --	<b>MAP ID:</b> 2
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<b>NAME:</b> PEARL HARBOR KAI ELEMENTARY SCHOOL <b>ADDRESS:</b> 1 C AVENUE HONOLULU HI 96818  <b>CONTACT:</b>	<b>REV:</b> 07/24/06 <b>ID1:</b> HIST_578 <b>ID2:</b> <b>STATUS:</b> <b>PHONE:</b>
---	--

<b>Filed Under:</b>	State of Hawaii Department of Education
<b>Unit:</b>	Pearl Harbor Kai Elementary School UST
<b>Federal ID:</b>	
<b>Agreement Program:</b>	State Site
<b>Funding:</b>	
<b>Sitelist Name:</b>	Pearl Harbor Kai Elementary School UST
<b>Supplemental Location:</b>	Pearl Harbor Building F
<b>Activity Type:</b>	Site Assessment
<b>Comments:</b>	
<b>IC:</b>	
<b>Status:</b>	SDAR NFA
<b>Assignment Date:</b>	9/30/2005
<b>Activity Lead:</b>	(b) (6)
<b>Restricted Use:</b>	
<b>End Date:</b>	3/10/2006
<b>End Fill:</b>	3/10/2006
<b>Result Fill:</b>	SDAR Ranked No Further Action (NFA)



# *Environmental FirstSearch*

## *Site Detail Report*

**Target Property:** HONOLULU HI 96818

**JOB:** 072007

LANDUSE			
<b>SEARCH ID:</b>	12	<b>DIST/DIR:</b>	0.00 --
		<b>MAP ID:</b>	3
<b>NAME:</b>	NAVY DOD PEARL HARBOR NAVAL STATION	<b>REV:</b>	1/27/05
<b>ADDRESS:</b>	HI	<b>ID1:</b>	45978
		<b>ID2:</b>	
<b>CONTACT:</b>		<b>STATUS:</b>	
		<b>PHONE:</b>	
<b><u>FEDERAL LAND INFORMATION</u></b>			
<b>NAME:</b>	PEARL HARBOR NAVAL STATION		
<b>FEATURE:</b>	NAVY DOD		
<b>ADMINISTERING AGENCY:</b>	DOD		
<b>STATE FIPS:</b>	15		
<b>AREA:</b>	0.001		
<b>PERIMETER:</b>	0.238		

LANDUSE					
<b>SEARCH ID:</b>	11	<b>DIST/DIR:</b>	0.04 SE	<b>MAP ID:</b>	4
<b>NAME:</b>	AIR FORCE DOD HICKAM AIR FORCE BASE		<b>REV:</b>	1/27/05	
<b>ADDRESS:</b>	HI		<b>ID1:</b>	45984	
<b>CONTACT:</b>			<b>ID2:</b>		
			<b>STATUS:</b>		
			<b>PHONE:</b>		
<b><u>FEDERAL LAND INFORMATION</u></b>					
<b>NAME:</b>	HICKAM AIR FORCE BASE				
<b>FEATURE:</b>	AIR FORCE DOD				
<b>ADMINISTERING AGENCY:</b>	DOD				
<b>STATE FIPS:</b>	15				
<b>AREA:</b>	0.001				
<b>PERIMETER:</b>	0.132				



***Environmental FirstSearch  
Site Detail Report***

**Target Property:**  
HONOLULU HI 96818

**JOB:** 072007

**FINDS**

<b>SEARCH ID:</b> 4	<b>DIST/DIR:</b> 0.17 SW	<b>MAP ID:</b> 6
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<b>NAME:</b> MOKULELE ELEMENTARY SCHOOL <b>ADDRESS:</b> 250 AUPAKA STREET HONOLULU HI 96818 HONOLULU <b>CONTACT:</b>	<b>REV:</b> 11/1/06 <b>ID1:</b> 110022003473 <b>ID2:</b> <b>STATUS:</b> FRS <b>PHONE:</b>
--	---

**FACILITY REGISTRATION INFORMATION:**

<b>PROGRAM:</b> NCES	<b>PROGRAM ID:</b> 150003000155
<b>PROVIDED BY:</b> FEDERAL AGENCY	<b>AGENCY INTERESTED:</b>
<b>AGENCY INT QUAL:</b>	<b>INTEREST ENDED:</b>
<b>INT END QUAL:</b>	<b>SOURCE OF DATA:</b> NCES
<b>LAST REPORTED:</b>	<b>LAST EXTRACTED:</b> 5/21/2005 12:09:35 AM
<b>ENFORCEMENT ACT:</b>	
<b>REG PROGRAM:</b> UNSPECIFIED UNIVERSE - THE HANDLER IS IN A HAZARDOUS WASTE UNIVERSE OTHER THAN TSD, GENERATOR (LQG, SQG, CESQG), TRANSPORTER, OR USED OIL PROGRAM.	

<b>SITE TYPE:</b>	STATIONARY
<b>INTEREST STATUS:</b>	ACTIVE
<b>DATA QUALITY:</b>	V
<b>LOCATION DESC:</b>	1
<b>ADDRESS TYPE:</b>	REGULAR URBAN
<b>LAST REPORTED:</b>	
<b>POSTED TO DATABASE:</b>	5/21/2005 12:09:35 AM
<b>DATA UPDATED:</b>	
<b>ENTERED PERSON/METHOD:</b>	REFRESH
<b>PARENT REG ID:</b>	
<b>CONFIDENCE IN ADDR:</b>	
<b>ENFORCEMENT SENSITIVE:</b>	
<b>REQ MANUAL REVIEW:</b>	
<b>REASON MAN REVIEW:</b>	
<b>SMALL BUS POLICY:</b>	
<b>ENFORCEMENT ACTION:</b>	
<b>DATA PUB ACCESS:</b>	YES
<b>INTERNAL SYS ID:</b>	

<b>FEDERAL FACILITY:</b>	
<b>FEDERAL AGENCY:</b>	
<b>TRIBAL LAND:</b>	
<b>TRIBAL LAND NAME:</b>	
<b>CONGRESSIONAL DIST:</b>	
<b>LEGISLATIVE DIST:</b>	
<b>HYDROLOGICAL UNTIS:</b>	
<b>EPA REGION:</b>	09
<b>AIRSHED:</b>	
<b>CENSUS BLOCK:</b>	

***Environmental FirstSearch  
Site Detail Report***

**Target Property:** HONOLULU HI 96818

**JOB:** 072007

WETLANDS
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<b>SEARCH ID:</b> 10	<b>DIST/DIR:</b> 0.39 NE	<b>MAP ID:</b> 7
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<b>NAME:</b> NATIONAL WETLANDS INVENTORY	<b>REV:</b> 2/27/02
<b>ADDRESS:</b> HI	<b>ID1:</b> NWI-HI-1714
	<b>ID2:</b>
<b>CONTACT:</b>	<b>STATUS:</b> PSS3/EM1C
	<b>PHONE:</b>

**SITE INFORMATION**

<b>AREA:</b>	89241.41
<b>PERIMETER:</b>	1286.94
<b>WETC:</b>	54
<b>WETC_ID:</b>	32
<b>ATTRIBUTE:</b>	PSS3/EM1C

***Environmental FirstSearch  
Site Detail Report***

**Target Property:** HONOLULU HI 96818

**JOB:** 072007

**FEDWELLS**

<b>SEARCH ID:</b> 15	<b>DIST/DIR:</b> 0.42 NE	<b>MAP ID:</b> 8
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<b>NAME:</b> 3-2156-01 W171 HALAW <b>ADDRESS:</b> HI HONOLULU COUNTY HI <b>CONTACT:</b>	<b>REV:</b> 12/28/06 <b>ID1:</b> FW-HI-1350 <b>ID2:</b> 212127157560501 <b>STATUS:</b> USGS GROUNDWATER INV <b>PHONE:</b>
--	---

**SITE INFORMATION**

<b>AGENCY:</b>	US GEOLOGICAL SURVEY
<b>SITE ID:</b>	212127157560501
<b>SITE NAME:</b>	3-2156-01 W171 HALAW
<b>SITE TYPE :</b>	GROUND-WATER OTHER THAN SPRING
<b>COUNTY :</b>	HONOLULU
<b>COUNTRY :</b>	US
<b>LAND NET LOCATION DESC:</b>	
<b>LOCATION MAP:</b>	10 PUULOA
<b>LOCATION MAP SCALE:</b>	24000
<b>GAGE/LAND SURFACE ALTITUDE:</b>	25.00
<b>METHOD ALTITUDE DETERMINED:</b>	M
<b>ALTITUDE ACCURACY:</b>	5
<b>ALTITUDE DATUM:</b>	HILOCAL
<b>HYDROLOGIC UNIT :</b>	OAHU
<b>TOPOGRAPHIC SETTING :</b>	
<b>DATE OF FIRST CONSTRUCTION:</b>	//
<b>DATE SITE ESTABLISHED:</b>	//
<b>MEAN GREENWICH TIME OFFSET:</b>	HST
<b>LOCAL STANDARD TIME FLAG:</b>	N
<b>TYPE OF GROUNDWATER SITE:</b>	W
<b>PRIMARY AQUIFER :</b>	
<b>AQUIFER TYPE :</b>	
<b>WELL_DEPTH VA:</b>	608
<b>HOLE DEPTH:</b>	
<b>DEPTH DATA SOURCE:</b>	
<b>PROJECT NUMBER:</b>	

***Environmental FirstSearch  
Site Detail Report***

**Target Property:** HONOLULU HI 96818

**JOB:** 072007

**FEDWELLS**

<b>SEARCH ID:</b> 14	<b>DIST/DIR:</b> 0.44 SW	<b>MAP ID:</b> 9
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<b>NAME:</b> 3-2057-03 W167 AIRPT <b>ADDRESS:</b> HI HONOLULU COUNTY HI <b>CONTACT:</b>	<b>REV:</b> 12/28/06 <b>ID1:</b> FW-HI-1300 <b>ID2:</b> 212049157570601 <b>STATUS:</b> USGS GROUNDWATER INV <b>PHONE:</b>
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**SITE INFORMATION**

<b>AGENCY:</b>	US GEOLOGICAL SURVEY
<b>SITE ID:</b>	212049157570601
<b>SITE NAME:</b>	3-2057-03 W167 AIRPT
<b>SITE TYPE :</b>	GROUND-WATER OTHER THAN SPRING
<b>COUNTY :</b>	HONOLULU
<b>COUNTRY :</b>	US
<b>LAND NET LOCATION DESC:</b>	
<b>LOCATION MAP:</b>	10 PUULOA
<b>LOCATION MAP SCALE:</b>	24000
<b>GAGE/LAND SURFACE ALTITUDE:</b>	15.00
<b>METHOD ALTITUDE DETERMINED:</b>	M
<b>ALTITUDE ACCURACY:</b>	2
<b>ALTITUDE DATUM:</b>	HILOCAL
<b>HYDROLOGIC UNIT :</b>	OAHU
<b>TOPOGRAPHIC SETTING :</b>	
<b>DATE OF FIRST CONSTRUCTION:</b>	01/01/1902
<b>DATE SITE ESTABLISHED:</b>	//
<b>MEAN GREENWICH TIME OFFSET:</b>	HST
<b>LOCAL STANDARD TIME FLAG:</b>	N
<b>TYPE OF GROUNDWATER SITE:</b>	W
<b>PRIMARY AQUIFER :</b>	
<b>AQUIFER TYPE :</b>	
<b>WELL_DEPTH VA:</b>	1045
<b>HOLE DEPTH:</b>	
<b>DEPTH DATA SOURCE:</b>	
<b>PROJECT NUMBER:</b>	



***Environmental FirstSearch  
Site Detail Report***

**Target Property:** HONOLULU HI 96818

**JOB:** 072007

**FEDWELLS**

**SEARCH ID:** 13                      **DIST/DIR:** 0.47 SW                      **MAP ID:** 10

<b>NAME:</b> 3-2056-02 W166 AIRPT	<b>REV:</b> 12/28/06
<b>ADDRESS:</b> HI	<b>ID1:</b> FW-HI-1279
HONOLULU COUNTY HI	<b>ID2:</b> 212043157565801
<b>CONTACT:</b>	<b>STATUS:</b> USGS GROUNDWATER INV
	<b>PHONE:</b>

**SITE INFORMATION**

<b>AGENCY:</b>	US GEOLOGICAL SURVEY
<b>SITE ID:</b>	212043157565801
<b>SITE NAME:</b>	3-2056-02 W166 AIRPT
<b>SITE TYPE :</b>	GROUND-WATER OTHER THAN SPRING
<b>COUNTY :</b>	HONOLULU
<b>COUNTRY :</b>	US
<b>LAND NET LOCATION DESC:</b>	
<b>LOCATION MAP:</b>	10 PUULOA
<b>LOCATION MAP SCALE:</b>	24000
<b>GAGE/LAND SURFACE ALTITUDE:</b>	951.00
<b>METHOD ALTITUDE DETERMINED:</b>	M
<b>ALTITUDE ACCURACY:</b>	20
<b>ALTITUDE DATUM:</b>	HILOCAL
<b>HYDROLOGIC UNIT :</b>	OAHU
<b>TOPOGRAPHIC SETTING :</b>	
<b>DATE OF FIRST CONSTRUCTION:</b>	//
<b>DATE SITE ESTABLISHED:</b>	//
<b>MEAN GREENWICH TIME OFFSET:</b>	HST
<b>LOCAL STANDARD TIME FLAG:</b>	N
<b>TYPE OF GROUNDWATER SITE:</b>	W
<b>PRIMARY AQUIFER :</b>	
<b>AQUIFER TYPE :</b>	
<b>WELL_DEPTH VA:</b>	951
<b>HOLE DEPTH:</b>	
<b>DEPTH DATA SOURCE:</b>	
<b>PROJECT NUMBER:</b>	

**Environmental FirstSearch**  
**Site Detail Report**

**Target Property:** HONOLULU HI 96818

**JOB:** 072007

RCRA

**SEARCH ID:** 1                      **DIST/DIR:** 0.47 SW                      **MAP ID:** 11

<b>NAME:</b> PEARL HARBOR N S Y AND I M F	<b>REV:</b> 6/8/02
<b>ADDRESS:</b> PEARL HARBOR NAVAL BASE COMP	<b>ID1:</b> HI6170024339
PEARL HARBOR HI 96860	<b>ID2:</b>
	<b>STATUS:</b> TSD
<b>CONTACT:</b> (b) (6)	<b>PHONE:</b> 8084740230

**SITE INFORMATION**

**CONTACT INFORMATION:** (b) (6)  
O S H AND ENV D  
667 SAFEGUARD ST  
PEARL HARBOR HI 968605033

**PHONE:** 8084740230

**UNIVERSE NAME:**

SUBJECT TO CORRECTIVE ACTION  
ST: STORAGE AND TREATMENT  
INCINERATOR  
SUBJECT TO CEI  
TSDS SUBJECT TO CORRECTIVE ACT  
DF: LAND DISPOSAL FACILITY

**SIC INFORMATION:**

9711 - PUBLIC ADMIN. - NATIONAL SECURITY  
9711 - PUBLIC ADMIN. - NATIONAL SECURITY  
9711 - PUBLIC ADMIN. - NATIONAL SECURITY  
3731 - MANUFACTURING - SHIP BUILDING AND REPAIRING  
3731 - MANUFACTURING - SHIP BUILDING AND REPAIRING  
3731 - MANUFACTURING - SHIP BUILDING AND REPAIRING

**ENFORCEMENT INFORMATION:**

<b>AGENCY:</b>	S - STATE	<b>DATE:</b>	18-SEP-90
<b>TYPE:</b>	120 - WRITTEN INFORMAL		
<b>AGENCY:</b>	E - EPA	<b>DATE:</b>	16-MAY-88
<b>TYPE:</b>	230 - INITIAL MONITORING, ANALYSIS, TEST ORDER		
<b>AGENCY:</b>	E - EPA	<b>DATE:</b>	16-MAY-88
<b>TYPE:</b>	120 - WRITTEN INFORMAL		
<b>AGENCY:</b>	E - EPA	<b>DATE:</b>	16-DEC-85
<b>TYPE:</b>	120 - WRITTEN INFORMAL		
<b>AGENCY:</b>	E - EPA	<b>DATE:</b>	14-DEC-89
<b>TYPE:</b>	120 - WRITTEN INFORMAL		
<b>AGENCY:</b>	E - EPA	<b>DATE:</b>	06-OCT-95
<b>TYPE:</b>	610 - FINAL CONSENT DECREES		
<b>AGENCY:</b>	E - EPA	<b>DATE:</b>	15-JUN-89
<b>TYPE:</b>	120 - WRITTEN INFORMAL		

- Continued on next page -

**Environmental FirstSearch**  
**Site Detail Report**

**Target Property:**  
HONOLULU HI 96818

**JOB:** 072007

RCRA

**SEARCH ID:** 1                      **DIST/DIR:** 0.47 SW                      **MAP ID:** 11

<b>NAME:</b> PEARL HARBOR N S Y AND I M F	<b>REV:</b> 6/8/02
<b>ADDRESS:</b> PEARL HARBOR NAVAL BASE COMP	<b>ID1:</b> HI6170024339
PEARL HARBOR HI 96860	<b>ID2:</b>
	<b>STATUS:</b> TSD
<b>CONTACT:</b> (b) (6)	<b>PHONE:</b> 8084740230

<b>AGENCY:</b>	S - STATE	<b>DATE:</b>	28-MAY-93
<b>TYPE:</b>	120 - WRITTEN INFORMAL		

<b>AGENCY:</b>	S - STATE	<b>DATE:</b>	23-APR-96
<b>TYPE:</b>	310 - FINAL 3008(A) COMPLIANCE ORDER		

<b>AGENCY:</b>	S - STATE	<b>DATE:</b>	30-JUL-90
<b>TYPE:</b>	120 - WRITTEN INFORMAL		

**VIOLATION INFORMATION:**

<b>VIOLATION NUMBER:</b>	0001	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	23-APR-96	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>		<b>RESOLVED:</b>	
<b>TYPE:</b>	DPB - TSD PART B PERMIT APPLICATION		

<b>VIOLATION NUMBER:</b>	0002	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	23-APR-96	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>		<b>RESOLVED:</b>	
<b>TYPE:</b>	GMR - GENERATOR MANIFEST REQUIREMENTS		

<b>VIOLATION NUMBER:</b>	0003	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	23-APR-96	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>		<b>RESOLVED:</b>	
<b>TYPE:</b>	GPT - GENERATOR PRE-TRANSPORT REQUIREMENTS		

<b>VIOLATION NUMBER:</b>	0004	<b>RESPONSIBLE:</b>	E - EPA
<b>DETERMINED:</b>	06-OCT-95	<b>DETERMINED BY:</b>	E - EPA
<b>CITATION:</b>		<b>RESOLVED:</b>	
<b>TYPE:</b>	GLB - GENERATOR LAND BAN REQUIREMENTS		

<b>VIOLATION NUMBER:</b>	0005	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	28-MAY-93	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>		<b>RESOLVED:</b>	06/30/1993
<b>TYPE:</b>	DCP - TSD CONTINGENCY PLAN REQUIREMENTS		

<b>VIOLATION NUMBER:</b>	0006	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	28-MAY-93	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>		<b>RESOLVED:</b>	06/30/1993
<b>TYPE:</b>	DMC - TSD CONTAINERS REQUIREMENTS		

<b>VIOLATION NUMBER:</b>	0007	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	28-MAY-93	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>		<b>RESOLVED:</b>	06/30/1993
<b>TYPE:</b>	DGS - TSD GENERAL STANDARDS		

<b>VIOLATION NUMBER:</b>	0008	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	03-MAY-90	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>		<b>RESOLVED:</b>	
<b>TYPE:</b>	DOR - TSD OTHER REQUIREMENTS		

- Continued on next page -

**Environmental FirstSearch**  
**Site Detail Report**

**Target Property:** HONOLULU HI 96818

**JOB:** 072007

RCRA

**SEARCH ID:** 1                      **DIST/DIR:** 0.47 SW                      **MAP ID:** 11

<b>NAME:</b> PEARL HARBOR N S Y AND I M F	<b>REV:</b> 6/8/02
<b>ADDRESS:</b> PEARL HARBOR NAVAL BASE COMP	<b>ID1:</b> HI6170024339
PEARL HARBOR HI 96860	<b>ID2:</b>
	<b>STATUS:</b> TSD
<b>CONTACT:</b> (b) (6)	<b>PHONE:</b> 8084740230

<b>VIOLATION NUMBER:</b>	0009	<b>RESPONSIBLE:</b>	E - EPA
<b>DETERMINED:</b>	10-APR-89	<b>DETERMINED BY:</b>	E - EPA
<b>CITATION:</b>		<b>RESOLVED:</b>	01/19/1990
<b>TYPE:</b>	DOR - TSD OTHER REQUIREMENTS		
<b>VIOLATION NUMBER:</b>	0010	<b>RESPONSIBLE:</b>	E - EPA
<b>DETERMINED:</b>	20-JUN-88	<b>DETERMINED BY:</b>	E - EPA
<b>CITATION:</b>		<b>RESOLVED:</b>	
<b>TYPE:</b>	DOR - TSD OTHER REQUIREMENTS		
<b>VIOLATION NUMBER:</b>	0012	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	21-AUG-86	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>		<b>RESOLVED:</b>	
<b>TYPE:</b>	DOR - TSD OTHER REQUIREMENTS		
<b>VIOLATION NUMBER:</b>	0013	<b>RESPONSIBLE:</b>	E - EPA
<b>DETERMINED:</b>	09-JUN-86	<b>DETERMINED BY:</b>	E - EPA
<b>CITATION:</b>		<b>RESOLVED:</b>	
<b>TYPE:</b>	DOR - TSD OTHER REQUIREMENTS		
<b>VIOLATION NUMBER:</b>	0014	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	27-MAR-86	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>		<b>RESOLVED:</b>	
<b>TYPE:</b>	DOR - TSD OTHER REQUIREMENTS		
<b>VIOLATION NUMBER:</b>	0015	<b>RESPONSIBLE:</b>	E - EPA
<b>DETERMINED:</b>	19-FEB-85	<b>DETERMINED BY:</b>	E - EPA
<b>CITATION:</b>		<b>RESOLVED:</b>	01/19/1986
<b>TYPE:</b>	DOR - TSD OTHER REQUIREMENTS		

***Environmental FirstSearch  
Site Detail Report***

**Target Property:** HONOLULU HI 96818

**JOB:** 072007

LUST

<b>SEARCH ID:</b> 8	<b>DIST/DIR:</b> 0.48 SW	<b>MAP ID:</b> 12
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<b>NAME:</b> HICKAM AIR FORCE BASE <b>ADDRESS:</b> BLDG 358. 203 17TH ST HICKAM AIR FORCE BAS HI 96853  <b>CONTACT:</b>	<b>REV:</b> 07/28/06 <b>ID1:</b> 9-102568 <b>ID2:</b> <b>STATUS:</b> <b>PHONE:</b>
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<b>Event ID Number:</b>	920101
<b>Facility ID Number:</b>	9-102568
<b>Status Date:</b>	5/2/2000
<b>Status:</b>	Case Transferred to HEER
<b>Project Officer</b>	HEER

***Environmental FirstSearch  
Site Detail Report***

**Target Property:** HONOLULU HI 96818

**JOB:** 072007

**FEDWELLS**

**SEARCH ID:** 18                      **DIST/DIR:** 0.49 NW                      **MAP ID:** 13

<b>NAME:</b> 3-2157-01 W169 PEARL	<b>REV:</b> 12/28/06
<b>ADDRESS:</b> HI	<b>ID1:</b> FW-HI-1334
HONOLULU COUNTY HI	<b>ID2:</b> 212117157571901
<b>CONTACT:</b>	<b>STATUS:</b> USGS GROUNDWATER INV
	<b>PHONE:</b>

**SITE INFORMATION**

<b>AGENCY:</b>	US GEOLOGICAL SURVEY
<b>SITE ID:</b>	212117157571901
<b>SITE NAME:</b>	3-2157-01 W169 PEARL
<b>SITE TYPE :</b>	GROUND-WATER OTHER THAN SPRING
<b>COUNTY :</b>	HONOLULU
<b>COUNTRY :</b>	US
<b>LAND NET LOCATION DESC:</b>	
<b>LOCATION MAP:</b>	10 PUULOA
<b>LOCATION MAP SCALE:</b>	24000
<b>GAGE/LAND SURFACE ALTITUDE:</b>	19.00
<b>METHOD ALTITUDE DETERMINED:</b>	M
<b>ALTITUDE ACCURACY:</b>	2
<b>ALTITUDE DATUM:</b>	HILOCAL
<b>HYDROLOGIC UNIT :</b>	OAHU
<b>TOPOGRAPHIC SETTING :</b>	
<b>DATE OF FIRST CONSTRUCTION:</b>	//
<b>DATE SITE ESTABLISHED:</b>	//
<b>MEAN GREENWICH TIME OFFSET:</b>	HST
<b>LOCAL STANDARD TIME FLAG:</b>	N
<b>TYPE OF GROUNDWATER SITE:</b>	W
<b>PRIMARY AQUIFER :</b>	
<b>AQUIFER TYPE :</b>	
<b>WELL_DEPTH VA:</b>	683
<b>HOLE DEPTH:</b>	
<b>DEPTH DATA SOURCE:</b>	
<b>PROJECT NUMBER:</b>	

***Environmental FirstSearch  
Site Detail Report***

**Target Property:** HONOLULU HI 96818

**JOB:** 072007

**FEDWELLS**

**SEARCH ID:** 16                      **DIST/DIR:** 0.49 NE                      **MAP ID:** 14

<b>NAME:</b> 3-2156-02 W172 HALAW	<b>REV:</b> 12/28/06
<b>ADDRESS:</b> HI	<b>ID1:</b> FW-HI-1351
HONOLULU COUNTY HI	<b>ID2:</b> 212130157560201
<b>CONTACT:</b>	<b>STATUS:</b> USGS GROUNDWATER INV
	<b>PHONE:</b>

**SITE INFORMATION**

<b>AGENCY:</b>	US GEOLOGICAL SURVEY
<b>SITE ID:</b>	212130157560201
<b>SITE NAME:</b>	3-2156-02 W172 HALAW
<b>SITE TYPE :</b>	GROUND-WATER OTHER THAN SPRING
<b>COUNTY :</b>	HONOLULU
<b>COUNTRY :</b>	US
<b>LAND NET LOCATION DESC:</b>	
<b>LOCATION MAP:</b>	10 PUULOA
<b>LOCATION MAP SCALE:</b>	24000
<b>GAGE/LAND SURFACE ALTITUDE:</b>	33.00
<b>METHOD ALTITUDE DETERMINED:</b>	M
<b>ALTITUDE ACCURACY:</b>	5
<b>ALTITUDE DATUM:</b>	HILOCAL
<b>HYDROLOGIC UNIT :</b>	OAHU
<b>TOPOGRAPHIC SETTING :</b>	
<b>DATE OF FIRST CONSTRUCTION:</b>	//
<b>DATE SITE ESTABLISHED:</b>	//
<b>MEAN GREENWICH TIME OFFSET:</b>	HST
<b>LOCAL STANDARD TIME FLAG:</b>	N
<b>TYPE OF GROUNDWATER SITE:</b>	W
<b>PRIMARY AQUIFER :</b>	
<b>AQUIFER TYPE :</b>	
<b>WELL_DEPTH VA:</b>	730
<b>HOLE DEPTH:</b>	
<b>DEPTH DATA SOURCE:</b>	
<b>PROJECT NUMBER:</b>	



***Environmental FirstSearch  
Site Detail Report***

**Target Property:** HONOLULU HI 96818

**JOB:** 072007

**FEDWELLS**

**SEARCH ID:** 17                      **DIST/DIR:** 0.50 NE                      **MAP ID:** 15

<b>NAME:</b> 3-2156-03 W176 HALAW	<b>REV:</b> 12/28/06
<b>ADDRESS:</b> HI	<b>ID1:</b> FW-HI-1378
HONOLULU COUNTY HI	<b>ID2:</b> 212142157561201
<b>CONTACT:</b>	<b>STATUS:</b> USGS GROUNDWATER INV
	<b>PHONE:</b>

**SITE INFORMATION**

<b>AGENCY:</b>	US GEOLOGICAL SURVEY
<b>SITE ID:</b>	212142157561201
<b>SITE NAME:</b>	3-2156-03 W176 HALAW
<b>SITE TYPE :</b>	GROUND-WATER OTHER THAN SPRING
<b>COUNTY :</b>	HONOLULU
<b>COUNTRY :</b>	US
<b>LAND NET LOCATION DESC:</b>	
<b>LOCATION MAP:</b>	10 PUULOA
<b>LOCATION MAP SCALE:</b>	24000
<b>GAGE/LAND SURFACE ALTITUDE:</b>	10.00
<b>METHOD ALTITUDE DETERMINED:</b>	M
<b>ALTITUDE ACCURACY:</b>	2
<b>ALTITUDE DATUM:</b>	HILOCAL
<b>HYDROLOGIC UNIT :</b>	OAHU
<b>TOPOGRAPHIC SETTING :</b>	
<b>DATE OF FIRST CONSTRUCTION:</b>	//
<b>DATE SITE ESTABLISHED:</b>	//
<b>MEAN GREENWICH TIME OFFSET:</b>	HST
<b>LOCAL STANDARD TIME FLAG:</b>	N
<b>TYPE OF GROUNDWATER SITE:</b>	W
<b>PRIMARY AQUIFER :</b>	
<b>AQUIFER TYPE :</b>	
<b>WELL_DEPTH VA:</b>	623
<b>HOLE DEPTH:</b>	
<b>DEPTH DATA SOURCE:</b>	
<b>PROJECT NUMBER:</b>	

***Environmental FirstSearch  
Site Detail Report***

**Target Property:** HONOLULU HI 96818

**JOB:** 072007

STATE

<b>SEARCH ID:</b> 7	<b>DIST/DIR:</b> 0.62 SW	<b>MAP ID:</b> 16
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<b>NAME:</b> USN FLEET TRAINING GROUP <b>ADDRESS:</b> 1430 SOUTH AVE PEARL HARBOR HI 96860	<b>REV:</b> 07/24/06 <b>ID1:</b> HIST_920 <b>ID2:</b> <b>STATUS:</b> <b>PHONE:</b>
<b>CONTACT:</b>	

<b>Filed Under:</b>	<i>United States Department of Navy Pearl Harbor Naval Complex</i>
<b>Unit:</b>	<i>USN Fleet Training Group</i>
<b>Federal ID:</b>	<i>HI4170090035</i>
<b>Agreement Program:</b>	<i>Mil</i>
<b>Funding:</b>	
<b>Sitelist Name:</b>	<i>USN Fleet Training Group</i>
<b>Supplemental Location:</b>	
<b>Activity Type:</b>	<i>File Review</i>
<b>Comments:</b>	
<b>IC:</b>	
<b>Status:</b>	<i>Ongoing</i>
<b>Assignment Date:</b>	<i>11/8/2005</i>
<b>Activity Lead:</b>	<i>? Unassigned MM</i>
<b>Restricted Use:</b>	
<b>End Date:</b>	
<b>End Fill:</b>	<i>7/24/2006</i>
<b>Result Fill:</b>	<i>Ongoing</i>

***Environmental FirstSearch  
Site Detail Report***

**Target Property:** HONOLULU HI 96818

**JOB:** 072007

**RCRACOR**

**SEARCH ID:** 2                      **DIST/DIR:** 0.66 NW                      **MAP ID:** 17

<b>NAME:</b> PEARL HARBOR SHIPYARD AND MAINT FAC	<b>REV:</b> 6/6/06
<b>ADDRESS:</b> PEARL HARBOR NAVAL BASE	<b>ID1:</b> HI6170024339
PEARL HARBOR HI 96860	<b>ID2:</b>
	<b>STATUS:</b> CA
<b>CONTACT:</b> (b) (6)	<b>PHONE:</b> 808-473-8000 4459

**SITE INFORMATION**

**CONTACT INFORMATION:** (b) (6)  
667 SAFEGUARD ST STE 100  
PEARL HARBOR HI 968605033

**PHONE:** 808-473-8000

**CONTACT INFORMATION:** (b) (6)  
667 SAFEGUARD ST STE 100  
PEARL HARBOR HI 968605033

**PHONE:** 8084740230

**UNIVERSE INFORMATION:**

**NAIC INFORMATION**

336611 - SHIP BUILDING AND REPAIRING  
92811 - NATIONAL SECURITY  
92811 - NATIONAL SECURITY  
336611 - SHIP BUILDING AND REPAIRING  
336411 - AIRCRAFT MANUFACTURING  
336611 - SHIP BUILDING AND REPAIRING  
92811 - NATIONAL SECURITY  
92811 - NATIONAL SECURITY  
92811 - NATIONAL SECURITY

**ENFORCEMENT INFORMATION:**

<b>AGENCY:</b>	S - STATE	<b>DATE:</b>	9/18/1990
<b>TYPE:</b>	120 - WRITTEN INFORMAL		

<b>AGENCY:</b>	E - EPA	<b>DATE:</b>	12/16/1985
<b>TYPE:</b>	120 - WRITTEN INFORMAL		

<b>AGENCY:</b>	S - STATE	<b>DATE:</b>	4/23/1996
<b>TYPE:</b>	310 - FINAL 3008(A) COMPLIANCE ORDER		

<b>AGENCY:</b>	S - STATE	<b>DATE:</b>	11/27/2002
<b>TYPE:</b>	210 - INITIAL 3008(A) COMPLIANCE ORDER		

<b>AGENCY:</b>	S - STATE	<b>DATE:</b>	11/27/2002
<b>TYPE:</b>	210 - INITIAL 3008(A) COMPLIANCE ORDER		

<b>AGENCY:</b>	E - EPA	<b>DATE:</b>	6/15/1989
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# Environmental FirstSearch

## Site Detail Report

**Target Property:** HONOLULU HI 96818

**JOB:** 072007

### RCRACOR

**SEARCH ID:** 2                      **DIST/DIR:** 0.66 NW                      **MAP ID:** 17

<b>NAME:</b> PEARL HARBOR SHIPYARD AND MAINT FAC <b>ADDRESS:</b> PEARL HARBOR NAVAL BASE PEARL HARBOR HI 96860  <b>CONTACT:</b> (b) (6)	<b>REV:</b> 6/6/06 <b>ID1:</b> HI6170024339 <b>ID2:</b> <b>STATUS:</b> CA <b>PHONE:</b> 808-473-8000 4459
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<b>TYPE:</b>	120 - WRITTEN INFORMAL		
<b>AGENCY:</b>	E - EPA	<b>DATE:</b>	5/16/1988
<b>TYPE:</b>	230 - INITIAL MONITORING, ANALYSIS, TEST ORDER		
<b>AGENCY:</b>	S - STATE	<b>DATE:</b>	5/28/1993
<b>TYPE:</b>	120 - WRITTEN INFORMAL		
<b>AGENCY:</b>	S - STATE	<b>DATE:</b>	9/18/1990
<b>TYPE:</b>	120 - WRITTEN INFORMAL		
<b>AGENCY:</b>	E - EPA	<b>DATE:</b>	12/14/1989
<b>TYPE:</b>	120 - WRITTEN INFORMAL		
<b>AGENCY:</b>	E - EPA	<b>DATE:</b>	10/6/1995
<b>TYPE:</b>	610 - FINAL CONSENT DECREES		
<b>AGENCY:</b>	E - EPA	<b>DATE:</b>	5/16/1988
<b>TYPE:</b>	120 - WRITTEN INFORMAL		
<b>AGENCY:</b>	E - EPA	<b>DATE:</b>	5/16/1988
<b>TYPE:</b>	230 - INITIAL MONITORING, ANALYSIS, TEST ORDER		
<b>AGENCY:</b>	E - EPA	<b>DATE:</b>	5/16/1988
<b>TYPE:</b>	120 - WRITTEN INFORMAL		
<b>AGENCY:</b>	E - EPA	<b>DATE:</b>	6/15/1989
<b>TYPE:</b>	120 - WRITTEN INFORMAL		
<b>AGENCY:</b>	E - EPA	<b>DATE:</b>	12/14/1989
<b>TYPE:</b>	120 - WRITTEN INFORMAL		
<b>AGENCY:</b>	E - EPA	<b>DATE:</b>	12/16/1985
<b>TYPE:</b>	120 - WRITTEN INFORMAL		
<b>AGENCY:</b>	S - STATE	<b>DATE:</b>	5/28/1993
<b>TYPE:</b>	120 - WRITTEN INFORMAL		
<b>AGENCY:</b>	E - EPA	<b>DATE:</b>	10/6/1995
<b>TYPE:</b>	610 - FINAL CONSENT DECREES		
<b>AGENCY:</b>	S - STATE	<b>DATE:</b>	4/23/1996
<b>TYPE:</b>	310 - FINAL 3008(A) COMPLIANCE ORDER		
<b>AGENCY:</b>	S - STATE	<b>DATE:</b>	7/30/1990
<b>TYPE:</b>	120 - WRITTEN INFORMAL		
<b>AGENCY:</b>	S - STATE	<b>DATE:</b>	7/30/1990
<b>TYPE:</b>	120 - WRITTEN INFORMAL		

**VIOLATION INFORMATION:**

- Continued on next page -

# Environmental FirstSearch

## Site Detail Report

**Target Property:** HONOLULU HI 96818

**JOB:** 072007

### RCRACOR

**SEARCH ID:** 2                      **DIST/DIR:** 0.66 NW                      **MAP ID:** 17

<b>NAME:</b> PEARL HARBOR SHIPYARD AND MAINT FAC <b>ADDRESS:</b> PEARL HARBOR NAVAL BASE PEARL HARBOR HI 96860  <b>CONTACT:</b> (b) (6)	<b>REV:</b> 6/6/06 <b>ID1:</b> HI6170024339 <b>ID2:</b> <b>STATUS:</b> CA <b>PHONE:</b> 808-473-8000 4459
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<b>VIOLATION NUMBER:</b>	0001	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	3/27/1986	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	270		
<b>VIOLATION NUMBER:</b>	0001	<b>RESPONSIBLE:</b>	E - EPA
<b>DETERMINED:</b>	2/19/1985	<b>DETERMINED BY:</b>	E - EPA
<b>CITATION:</b>	270		
<b>RESOLVED:</b>	6/9/1986		
<b>TYPE:</b>	TSD-OTHER REQUIREMENTS (OVERSIGHT)		
<b>RESOLVED:</b>	1/19/1986		
<b>TYPE:</b>	TSD-OTHER REQUIREMENTS (OVERSIGHT)		
<b>VIOLATION NUMBER:</b>	0002	<b>RESPONSIBLE:</b>	E - EPA
<b>DETERMINED:</b>	6/9/1986	<b>DETERMINED BY:</b>	E - EPA
<b>CITATION:</b>	270		
<b>VIOLATION NUMBER:</b>	0002	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	8/21/1986	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	270		
<b>RESOLVED:</b>	8/21/1986		
<b>TYPE:</b>	TSD-OTHER REQUIREMENTS (OVERSIGHT)		
<b>RESOLVED:</b>	9/10/1987		
<b>TYPE:</b>	TSD-OTHER REQUIREMENTS (OVERSIGHT)		
<b>VIOLATION NUMBER:</b>	0003	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	5/3/1990	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	270		
<b>RESOLVED:</b>	9/30/1991		
<b>TYPE:</b>	TSD-OTHER REQUIREMENTS (OVERSIGHT)		
<b>VIOLATION NUMBER:</b>	0004	<b>RESPONSIBLE:</b>	E - EPA
<b>DETERMINED:</b>	6/20/1988	<b>DETERMINED BY:</b>	E - EPA
<b>CITATION:</b>	270		
<b>VIOLATION NUMBER:</b>	0004	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	5/28/1993	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	264.50-56.D		
<b>RESOLVED:</b>	4/10/1989		
<b>TYPE:</b>	TSD-OTHER REQUIREMENTS (OVERSIGHT)		
<b>RESOLVED:</b>	6/30/1993		
<b>TYPE:</b>	TSD-OTHER REQUIREMENTS (OVERSIGHT)		
<b>VIOLATION NUMBER:</b>	0005	<b>RESPONSIBLE:</b>	E - EPA
<b>DETERMINED:</b>	4/10/1989	<b>DETERMINED BY:</b>	E - EPA
<b>CITATION:</b>	270		
<b>VIOLATION NUMBER:</b>	0005	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	5/28/1993	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	264.170-177.I		
<b>RESOLVED:</b>	6/30/1993		
<b>TYPE:</b>	TSD-OTHER REQUIREMENTS (OVERSIGHT)		
<b>RESOLVED:</b>	1/19/1990		
<b>TYPE:</b>	TSD-OTHER REQUIREMENTS (OVERSIGHT)		

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# Environmental FirstSearch

## Site Detail Report

**Target Property:** HONOLULU HI 96818

**JOB:** 072007

### RCRACOR

**SEARCH ID:** 2                      **DIST/DIR:** 0.66 NW                      **MAP ID:** 17

<b>NAME:</b> PEARL HARBOR SHIPYARD AND MAINT FAC <b>ADDRESS:</b> PEARL HARBOR NAVAL BASE PEARL HARBOR HI 96860  <b>CONTACT:</b> (b) (6)	<b>REV:</b> 6/6/06 <b>ID1:</b> HI6170024339 <b>ID2:</b> <b>STATUS:</b> CA <b>PHONE:</b> 808-473-8000 4459
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<b>VIOLATION NUMBER:</b>	0006	<b>RESPONSIBLE:</b>	E - EPA
<b>DETERMINED:</b>	10/6/1995	<b>DETERMINED BY:</b>	E - EPA
<b>CITATION:</b>	268.7		
<b>VIOLATION NUMBER:</b>	0006	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	5/28/1993	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	264.10-18.B		
<b>RESOLVED:</b>	10/6/2000		
<b>TYPE:</b>	GENERATOR-LAND BAN REQUIREMENTS		
<b>RESOLVED:</b>	6/30/1993		
<b>TYPE:</b>	TSD-OTHER REQUIREMENTS (OVERSIGHT)		
<b>VIOLATION NUMBER:</b>	0007	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	7/25/1995	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	270		
<b>RESOLVED:</b>	7/25/1995		
<b>TYPE:</b>	TSD-OTHER REQUIREMENTS (OVERSIGHT)		
<b>VIOLATION NUMBER:</b>	0008	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	7/25/1995	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	262.20-23.B		
<b>RESOLVED:</b>	7/25/1995		
<b>TYPE:</b>	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)		
<b>VIOLATION NUMBER:</b>	0009	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	7/25/1995	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	262.30-34.C		
<b>RESOLVED:</b>	7/25/1995		
<b>TYPE:</b>	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)		
<b>VIOLATION NUMBER:</b>	0010	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	7/15/2002	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	11-262-34(c)(1)		
<b>RESOLVED:</b>	5/25/2004		
<b>TYPE:</b>	GENERATOR-GENERAL REQUIREMENTS		
<b>VIOLATION NUMBER:</b>	0011	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	7/15/2002	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	11-262-11		
<b>RESOLVED:</b>	5/25/2004		
<b>TYPE:</b>	GENERATOR-GENERAL REQUIREMENTS		
<b>VIOLATION NUMBER:</b>	0012	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	7/15/2002	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	11-265-171		
<b>RESOLVED:</b>	5/25/2004		
<b>TYPE:</b>	TSD-CONTAINERS REQUIREMENTS		
<b>VIOLATION NUMBER:</b>	0013	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	7/15/2002	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	11-279-22(c)(1)		
<b>RESOLVED:</b>	5/25/2004		

- Continued on next page -

**Environmental FirstSearch**  
**Site Detail Report**

**Target Property:**  
HONOLULU HI 96818

**JOB:** 072007

RCRACOR

**SEARCH ID:** 2                      **DIST/DIR:** 0.66 NW                      **MAP ID:** 17

<b>NAME:</b> PEARL HARBOR SHIPYARD AND MAINT FAC <b>ADDRESS:</b> PEARL HARBOR NAVAL BASE PEARL HARBOR HI 96860	<b>REV:</b> 6/6/06 <b>ID1:</b> HI6170024339 <b>ID2:</b> <b>STATUS:</b> CA <b>PHONE:</b> 808-473-8000 4459
<b>CONTACT:</b> (b) (6)	

**TYPE:** STANDARDS FOR USED OIL GENERATORS 279.20-24

<b>VIOLATION NUMBER:</b>	0014	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	7/15/2002	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	11-262-34(a)(3)		
<b>RESOLVED:</b>	5/25/2004		
<b>TYPE:</b>	GENERATOR-GENERAL REQUIREMENTS		

<b>VIOLATION NUMBER:</b>	0015	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	7/15/2002	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	11-262-34(a)(2)		
<b>RESOLVED:</b>	5/25/2004		
<b>TYPE:</b>	GENERATOR-GENERAL REQUIREMENTS		

<b>VIOLATION NUMBER:</b>	0016	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	7/15/2002	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	11-265-173(a)		
<b>RESOLVED:</b>	5/25/2004		
<b>TYPE:</b>	TSD-CONTAINERS REQUIREMENTS		

<b>VIOLATION NUMBER:</b>	0017	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	7/15/2002	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	11-265-35		
<b>RESOLVED:</b>	5/25/2004		
<b>TYPE:</b>	TSD-GENERAL STANDARDS		

<b>VIOLATION NUMBER:</b>	0018	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	7/15/2002	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	11-265-34(a)		
<b>RESOLVED:</b>	5/25/2004		
<b>TYPE:</b>	BIF-INTERIM STATUS STANDARDS		

<b>VIOLATION NUMBER:</b>	0019	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	7/15/2002	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	11-262-34(a)		
<b>RESOLVED:</b>	5/25/2004		
<b>TYPE:</b>	GENERATOR-GENERAL REQUIREMENTS		

<b>VIOLATION NUMBER:</b>	0020	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	7/15/2002	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	11-270-1(c)		
<b>RESOLVED:</b>	5/25/2004		
<b>TYPE:</b>	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)		

<b>VIOLATION NUMBER:</b>	0021	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	7/15/2002	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	11-265-174		
<b>RESOLVED:</b>	5/25/2004		
<b>TYPE:</b>	TSD-CONTAINERS REQUIREMENTS		

<b>VIOLATION NUMBER:</b>	0022	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	7/15/2002	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	11-265-31		

- Continued on next page -



# Environmental FirstSearch

## Site Detail Report

**Target Property:**

HONOLULU HI 96818

**JOB:** 072007

RCRACOR

**SEARCH ID:** 2                      **DIST/DIR:** 0.66 NW                      **MAP ID:** 17

**NAME:** PEARL HARBOR SHIPYARD AND MAINT FAC  
**ADDRESS:** PEARL HARBOR NAVAL BASE  
PEARL HARBOR HI 96860

**REV:** 6/6/06  
**ID1:** HI6170024339  
**ID2:**  
**STATUS:** CA  
**PHONE:** 808-473-8000 4459

**CONTACT:** (b) (6)

**RESOLVED:** 5/25/2004  
**TYPE:** BIF-INTERIM STATUS STANDARDS

**CORRECTIVE ACTION INFORMATION**

**CA EVENT:** 1/1/1996 CA210SF - REFERRED TO A NON-RCRA AUTHORITY-REFERRED TO CERCLA

**CA EVENT:** 2/26/1988 CA075HI - CA PRIORITIZATION-HIGH CA PRIORITY

**CA EVENT:** 2/3/1987 CA050 - RFA COMPLETED

**CA EVENT:** 4/12/1988 CA100 - RFI IMPOSITION

**CA EVENT:** 4/27/1993 CA075HI - CA PRIORITIZATION-HIGH CA PRIORITY

**CA EVENT:** 4/27/1993 CA225IN - STABILIZATION MEASURES EVALUATION-FURTHER INVESTIGATION  
NECESSARY

**HAZARDOUS WASTE INFORMATION:**

2-Propanone (I) (OR) Acetone (I)  
Chlorobenzene  
The following spent halogenated solvents used in degreasing: Tetrachloroethylene, trichloroethylene, methylene chloride, 1,1,1-trichloroethane, carbon tetrachloride and chlorinated fluorocarbons; all spent solvent mixtures/bl

1-Butanol (I) (OR) n-Butyl alcohol (I)  
1,4-Dichlorobenzene  
1,3-Benzenediol (OR) Resorcinol  
1,3,5-Trioxane, 2,4,6-trimethyl- (OR) Paraldehyde  
2-Butanone (I,T) (OR) Methyl ethyl ketone (MEK) (I,T)  
1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester (OR) Diethylhexyl phthalate  
4-Methyl-2-pentanone (I) (OR) Methyl isobutyl ketone (I) (OR) Pentanol, 4-methyl-  
Vinyl chloride  
Trichloroethylene  
The following spent non-halogenated solvents: Xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/ blends containing, b

The following spent non-halogenated solvents: toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, benzene, 2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a to

The following spent non-halogenated solvents: cresols, cresylic acid, and nitrobenzene; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above non-hal

2,6-Dichlorophenol (OR) Phenol, 2,6-dichloro-  
1,2-Dichloroethane  
Benzene  
Carbon tetrachloride  
Carbon disulfide  
Calcium chromate (OR) Chromic acid H2CrO4, calcium salt  
Cadmium  
Benzenediamine, ar-methyl- (OR) Toluenediamine  
1-Propanol, 2-methyl- (I,T) (OR) Isobutyl alcohol (I,T)  
Benzene, dimethyl- (I,T) (OR) Xylene (I)  
Tetrachloroethylene  
Benzenamine, 2-methyl-, hydrochloride (OR) o-Toluidine hydrochloride  
Barium  
Arsenic  
Acetonitrile (I,T)

- Continued on next page -

**Environmental FirstSearch  
Site Detail Report**

**Target Property:** HONOLULU HI 96818

**JOB:** 072007

RCRACOR

**SEARCH ID:** 2                      **DIST/DIR:** 0.66 NW                      **MAP ID:** 17

**NAME:** PEARL HARBOR SHIPYARD AND MAINT FAC  
**ADDRESS:** PEARL HARBOR NAVAL BASE  
PEARL HARBOR HI 96860

**REV:** 6/6/06  
**ID1:** HI6170024339  
**ID2:**  
**STATUS:** CA  
**PHONE:** 808-473-8000 4459

**CONTACT:** (b) (6)

Acetic acid, lead(2+) salt (OR) Lead acetate  
Acetic acid ethyl ester (I) (OR) Ethyl acetate (I)  
Benzene, methyl- (OR) Toluene  
Epichlorohydrin (OR) Oxirane, (chloromethyl)-  
The following spent halogenated solvents: Tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, ortho-dichlorobenzene, trichlorofluoromethane  
Hydrofluoric acid (C,T) (OR) Hydrogen fluoride (C,T)  
Hydrazine (R,T)  
Furan, tetrahydro-(I) (OR) Tetrahydrofuran (I)  
Ethene, trichloro- (OR) Trichloroethylene  
Ethene, tetrachloro- (OR) Tetrachloroethylene  
Ignitable waste  
Ethane, 1,1,1-trichloro- (OR) Methyl chloroform  
Lead  
Dichlorodifluoromethane (OR) Methane, dichlorodifluoro-  
D000  
Cresol  
Corrosive waste  
Chromium  
Chloroform (OR) Methane, trichloro-  
Ethane, 1,2-dichloro- (OR) Ethylene dichloride  
o-Cresol  
Sodium cyanide (OR) Sodium cyanide Na(CN)  
Silver  
Selenium  
Reactive waste  
Pyridine  
Potassium cyanide (OR) Potassium cyanide K(CN)  
p-Cresol  
Chloroform  
Methyl ethyl ketone  
Methanol (I) (OR) Methyl alcohol (I)  
Methane, dichloro- (OR) Methylene chloride  
Mercury (OR)  
Mercury  
m-Cresol  
Phenol



## Environmental FirstSearch Descriptions

**NPL: EPA NATIONAL PRIORITY LIST** - The National Priorities List is a list of the worst hazardous waste sites that have been identified by Superfund. Sites are only put on the list after they have been scored using the Hazard Ranking System (HRS), and have been subjected to public comment. Any site on the NPL is eligible for cleanup using Superfund Trust money.

A Superfund site is any land in the United States that has been contaminated by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

FINAL - Currently on the Final NPL

PROPOSED - Proposed for NPL

**NPL DELISTED: EPA NATIONAL PRIORITY LIST Subset** - Database of delisted NPL sites. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

DELISTED - Deleted from the Final NPL

**CERCLIS: EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM (CERCLIS)**- CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL.

PART OF NPL- Site is part of NPL site

DELETED - Deleted from the Final NPL

FINAL - Currently on the Final NPL

NOT PROPOSED - Not on the NPL

NOT VALID - Not Valid Site or Incident

PROPOSED - Proposed for NPL

REMOVED - Removed from Proposed NPL

SCAN PLAN - Pre-proposal Site

WITHDRAWN - Withdrawn

**NFRAP: EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM ARCHIVED SITES** - database of Archive designated CERCLA sites that, to the best of EPA's knowledge, assessment has been completed and has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

NFRAP – No Further Remedial Action Plan

P - Site is part of NPL site

D - Deleted from the Final NPL

F - Currently on the Final NPL

N - Not on the NPL

O - Not Valid Site or Incident

P - Proposed for NPL

R - Removed from Proposed NPL

S - Pre-proposal Site

W – Withdrawn

**RCRA COR ACT: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES** - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984. RCRAInfo facilities that have reported violations and subject to corrective actions.

**RCRA TSD: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM**

**TREATMENT, STORAGE, and DISPOSAL FACILITIES.** - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.

Facilities that treat, store, dispose, or incinerate hazardous waste.

**RCRA GEN: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM GENERATORS** - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984. Facilities that generate or transport hazardous waste or meet other RCRA requirements.

LGN - Large Quantity Generators

SGN - Small Quantity Generators

VGN – Conditionally Exempt Generator.

Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List) facilities.

**RCRA NLR: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES** - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.

Facilities not currently classified by the EPA but are still included in the RCRAInfo database. Reasons for non classification:

Failure to report in a timely matter.

No longer in business.

No longer in business at the listed address.

No longer generating hazardous waste materials in quantities which require reporting.

**Federal IC / EC: EPA BROWNFIELD MANAGEMENT SYSTEM (BMS)** - database designed to assist EPA in collecting, tracking, and updating information, as well as reporting on the major activities and accomplishments of the various Brownfield grant Programs.

**FEDERAL ENGINEERING AND INSTITUTIONAL CONTROLS-** Superfund sites that have either an engineering or an institutional control. The data includes the control and the media contaminated.

**ERNS: EPA/NRC EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS)** - Database of incidents reported to the National Response Center. These incidents include chemical spills, accidents involving chemicals (such as fires or explosions), oil spills, transportation accidents that involve oil or chemicals, releases of radioactive materials, sightings of oil sheens on bodies of water, terrorist incidents involving chemicals, incidents where illegally dumped chemicals have been found, and drills intended to prepare responders to handle these kinds of incidents. Data since January 2001 has been received from the National Response System database as the EPA no longer maintains this data.

**Tribal Lands: DOI/BIA INDIAN LANDS OF THE UNITED STATES** - Database of areas with boundaries established by treaty, statute, and (or) executive or court order, recognized by the Federal Government as territory in which American Indian tribes have primary governmental authority. The Indian Lands of the United States map layer shows areas of 640 acres or more, administered by the Bureau of Indian Affairs. Included are Federally-administered lands within a reservation which may or may not be considered part of the reservation.

**State/Tribal IC: HI DOH INSTITUTIONAL CONTROLS LISTING**-The Hawaii Department of Health's Office of Hazard Evaluation and Emergency Response (HEER) inventory of sites with institutional controls.

**State/Tribal Sites: HI DOH STATE RESPONSE LISTING**-The Hawaii Department of Health's Office of Hazard Evaluation and Emergency Response (HEER) inventory of facilities, sites, or areas in which HEER has

an interest, has investigated, or may investigate under HRS 128D (includes CERCLIS sites).

**State/Tribal VCP:** *HI DOH* VOLUNTARY RESPONSE PROGRAM LISTING-The Hawaii Department of Health's Office of Hazard Evaluation and Emergency Response (HEER) inventory of sites participating in the state's Voluntary Response Program.

**State/Tribal Brownfields:** *HI DOH* STATE BROWNFIELDS LISTING-The Hawaii Department of Health's Office of Hazard Evaluation and Emergency Response (HEER) inventory of brownfields sites.

**State/Tribal LUST:** *HI DOH* LEAKING UNDERGROUND STORAGE TANKS-The Hawaii Department of Health's inventory of sites with leaking underground storage tanks.

**State/Tribal UST/AST:** *HI DOH* UNDERGROUND STORAGE TANKS- The Hawaii Department of Health's inventory of underground storage tanks.

**State ACEC:** *USFWS* US FISH AND WILDLIFE CONTACT INFORMATION - database of contact information for the US Fish and Wildlife Service loaded by zipcode.

**Wetlands:** *US FWS* NATIONAL WETLANDS INVENTORY (NWI) - database of information on the characteristics, extent, and status of the Nation's wetlands and deepwater habitats. This data is available for select areas of the United States.

**Floodplains:** *FEMA* FLOODPLAINS – database of 100 year and 500 year flood zone boundaries for select counties in the United States

**Historic Landmarks:** *NPS* NATIONAL REGISTRY OF HISTORIC PLACES DATABASE - The nation's official list of cultural resources worthy of preservation. Properties listed include districts, sites, buildings, structures, and objects that are significant in American history, architecture, archeology, engineering, and culture.

**Federal Land Use:** *USGS/EPA/FWS* FEDERAL LANDS OF THE UNITED STATES - Database of lands owned or administered by the Federal Government, including the Bureau of Land Management, the Bureau of Reclamation, the U.S. Department of Agriculture Forest Service, the Department of Defense, the U.S. Fish and Wildlife Service, the National Park Service, the Tennessee Valley Authority, and other agencies. Only areas of 640 acres or more are included. Descriptive information includes the name and type of the Federal land and the administering agency.

ENDANGERED SPECIES PROTECTION PROGRAM DATABASE – List of the Endangered Species by county and the species status./n NATIONAL WILDLIFE REGUGE DATA - database of boundaries for National Wildlife Refuges, National Fish Hatcheries, and USFWS administrative sites. Contains information regarding refuge name and contact information.

**Federal Wells:** *USGS* UNITED STATES GROUND-WATER SITES INVENTORY - Database of more than 850,000 records of wells, springs, test holes, tunnels, drains, and excavations in the United States.

**NPDES:** *EPA* THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM - Database of permitted facilities receiving and discharging effluents to and from a natural source where treatment of the effluent is monitored.

**FINDS:** *EPA* FACILITY INDEX SYSTEM(FINDS)/FACILITY REGISTRY SYSTEM(FRS) - The index of identification numbers associated with a property or facility which the EPA has investigated or has been made aware of in conjunction with various regulatory programs. Each record indicates the EPA office that may have files on the site or facility. A Facility Registry System site has an FRS in the status field.

**TRIS:** *EPA* TOXIC RELEASE INVENTORY SYSTEM (TRIS)– Database that contains information on toxic chemical releases and other waste management activities reported annually by certain covered industry groups as well as federal facilities. This inventory was established under the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA) and expanded by the Pollution Prevention Act of 1990.

**HMIRS:** *US DOT* HAZARDOUS MATERIALS INCIDENT RESPONSE SYSTEM - Database of information regarding materials, packaging, and a description of events for tracked incidents.

**NCDB:** *EPA* NATIONAL COMPLIANCE DATA BASE SYSTEM - Database of regional compliance and

enforcement activity and manages the Pesticides and Toxic Substances Compliance and Enforcement program at a national level. The system tracks all compliance monitoring and enforcement activities from the time an inspector conducts an inspection until the time the inspector closes or the case settles the enforcement action. NCDB is the national repository of the 10 regional and Headquarters FIFRA/TSCA Tracking System (FTTS). Data collected in the regional FTTS is transferred to NCDB to support the need for monitoring national performance of regional programs.

**PADS:** *EPA* DATABASE OF PCB HANDLERS - Database of PolyChlorinatedBiPhenol generators, transporters, storers and/or disposers that are required to register with the EPA. This database indicates the type of handler and registration number. Also included is the PCB Transformer Registration Database.

**RADON:** *NTIS* NATIONAL RADON DATABASE - EPA radon data from 1990-1991 national radon project collected for a variety of zip codes across the United States.

**Federal Other:** *EPA* SECTION SEVEN TRACKING SYSTEM (SSTS) – database of registration and production data for facilities which manufacture pesticides.



## Environmental FirstSearch Database Sources

**NPL: EPA** Environmental Protection Agency

*Updated quarterly*

**NPL DELISTED: EPA** Environmental Protection Agency

*Updated quarterly*

**CERCLIS: EPA** Environmental Protection Agency

*Updated quarterly*

**NFRAP: EPA** Environmental Protection Agency.

*Updated quarterly*

**RCRA COR ACT: EPA** Environmental Protection Agency.

*Updated quarterly*

**RCRA TSD: EPA** Environmental Protection Agency.

*Updated quarterly*

**RCRA GEN: EPA** Environmental Protection Agency.

*Updated quarterly*

**RCRA NLR: EPA** Environmental Protection Agency

*Updated quarterly*

**Federal IC / EC: EPA** Environmental Protection Agency

*Updated quarterly*

**ERNS: EPA/NRC** Environmental Protection Agency

*Updated semi-annually*

**Tribal Lands: DOI/BIA** United States Department of the Interior

*Updated annually*

**State/Tribal IC: HI DOH** Office of Hazard Evaluation and Emergency Response, Hawaii State Department

of Health

*Updated biannually*

**State/Tribal Sites:** *HI DOH* Office of Hazard Evaluation and Emergency Response, Hawaii State Department of Health

*Updated biannually*

**State/Tribal VCP:** *HI DOH* Office of Hazard Evaluation and Emergency Response, Hawaii State Department of Health

*Updated biannually*

**State/Tribal Brownfields:** *HI DOH* Office of Hazard Evaluation and Emergency Response, Hawaii State Department of Health

*Updated biannually*

**State/Tribal LUST:** *HI DOH* The Hawaii Department of Health, Solid and Hazardous Waste Branch

*Updated biannually*

**State/Tribal UST/AST:** *HI DOH* The Hawaii Department of Health, Solid and Hazardous Waste Branch

*Updated biannually*

**State ACEC:** *USFWS* United States Fish and Wildlife Services

*Updated semi-annually*

**Wetlands:** *US FWS* U.S. Fish and Wildlife Service

*Updated when available*

**Floodplains:** *FEMA* Federal Emergency Management Agency

*Updated when available*

**Historic Landmarks:** *NPS* National Park Service

*Updated annually*

**Federal Land Use:** *USGS/EPA/FWS* U.S. Geological Survey

*Updated annually*

**Federal Wells:** *USGS* United States Geographical Survey.

*Updated annually*

**NPDES:** *EPA* Environmental Protection Agency

*Updated quarterly*

**FINDS:** *EPA* Environmental Protection Agency

*Updated annually*

**TRIS:** *EPA* Environmental Protection Agency.

*Updated quarterly*

**HMIRS:** *US DOT* US Department of Transportation

*Updated quarterly*

**NCDB:** *EPA* Environmental Protection Agency

*Updated quarterly*

**PADS:** *EPA* Environmental Protection Agency

*Updated quarterly*

**RADON:** *NTIS* Environmental Protection Agency, National Technical Information Services

*Updated periodically*

**Federal Other:** *EPA* Environmental Protection Agency

*Updated quarterly*

***Environmental FirstSearch***  
***Street Name Report for Streets within .25 Mile(s) of Target Property***

**Target Property:** HONOLULU HI 96818

**JOB:** 072007

Street Name	Dist/Dir	Street Name	Dist/Dir
6th St	0.00 --	13th St	0.07 SW
A Ave	0.00 --	Honohono St	0.07 SW
E 6th St	0.00 --	7th St	0.07 SE
EAST 4th St	0.00 --	Teague Pl	0.08 SE
E 4th St	0.00 --	North Rd	0.09 NW
McKeen Pl	0.00 --	South Ave	0.09 NW
C Ave	0.00 --	Halealii Rd	0.09 NW
Main St	0.00 --	I-H-1	0.10 SE
EAST 8th St	0.00 --	21st St	0.10 SW
E 8th St	0.00 --	Cruse Pl	0.10 SE
Center Dr	0.00 --	Mack Pl	0.10 SE
Nimitz Hwy	0.00 --	EAST 1st St	0.11 NW
NOCOVERAGE	0.00 --	E 1st St	0.11 NW
Plantation Dr	0.00 --	Waianae Cir	0.12 SE
B Ave	0.00 --	Hancock Pl	0.12 SE
EAST 7th St	0.00 --	Porter Ave	0.12 SW
South Dr	0.00 --	12th St	0.14 NW
E 7th St	0.00 --	19th Way	0.14 SW
Powell Loop	0.00 --	Avenue C	0.14 NW
EAST 6th St	0.00 --	Avenue A	0.15 NW
North Dr	0.01 SE	Valdez Pl	0.15 SE
Fox Blvd	0.01 SW	Benoit Pl	0.16 SE
E 3rd St	0.01 NW	Kokomalei St	0.17 SE
EAST 3rd St	0.01 NW	Aupaka St	0.17 SW
E 5th St	0.03 NW	Avenue B	0.17 NW
Smith Cir	0.03 SE	Tarawa Dr	0.17 NE
EAST 5th St	0.03 NW	Palmyra Dr	0.17 NE
Kamehameha Hwy	0.04 NE	Gardner Ave	0.18 SW
Leal Pl	0.04 SE	Bougainville Dr	0.18 SE
Stommes Pl	0.05 SE	Hooper Pl	0.19 SE
Melick Ave	0.05 SE	20th St	0.19 SW
Tinker Ave	0.05 SW	Kopiko St	0.20 SE
Kuntz Ave	0.05 SW	Lehua Ln	0.21 SW
EAST 10th St	0.06 SE	Turner Ave	0.23 SE
EAST 2nd St	0.06 NW	Ilima St	0.25 SW
E 2nd St	0.06 NW	14th St	0.25 SE
E 10th St	0.06 SE		
Orlando Pl	0.07 SE		